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ANNUAL CATALOGUE.

B. FAVERY & SONS'

PLOWS

AND

CULTIVATING IMPLEMENTS.

LOUISVILLE, KY. U.S.A.

1893 - 94.

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GEO. C. AVERY,
PRESIDENT.

SAM'L A. MILLER,
VICE-PRESIDENT.

C. F. HUHLEIN,
GEN'L. MANAGER

1893—SEASON—1894

SIXTY-EIGHTH ANNUAL

ILLUSTRATED

CATALOGUE AND PRICE LIST

—OF—

B. F. AVERY & SONS'

Cast, Steel, and Chilled Plows,

PLANTERS, HARROWS, AND CULTIVATORS.



FACTORY AND OFFICES: FIFTEENTH, MAIN, CROP, AND ROWAN STREETS,

LOUISVILLE, KY., U. S. A.

BRANCHES:

NEW YORK CITY, 41 DEY STREET.
DALLAS, TEXAS.

NEW ORLEANS, LA., 46 CANAL STREET.
FORT WORTH, TEXAS.

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1893 74

PREFACE.

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THE AVERY PLOW has been in the field for sixty-eight (68) years. Maintaining, first, a high quality for all the goods of our manufacture, we aim to produce plows and cultivating tools that will prove the most practical and perfect in the farmer's hands, and are constantly adding new tools as suggested by progressive agriculture and expert field practice. Thus Avery Plows and Cultivators have come to be known and esteemed for genuine merit all over the globe, and are found suited, in their varied styles, to every soil and any crop.

Plowmen should note the following features of excellence peculiar to

GENUINE AVERY PLOWS:

1. **Perfect Models.**—The models are perfect, the result of many years' practical observation and experience with farmers' wants.

2. **Thorough Construction.**—Skilled mechanics make them. Most of the workmen in the Avery plow factory have been continuously at work there for years, and are thorough and progressive artisans.

3. **Excellent Materials.**—The highest grade of iron, steel, bolts, and other materials are selected especially for the purpose of making plows that will work well and wear well.

4. **Superior Beams and Handles.**—When you buy plows or other implements of B. F. Avery & Sons' make you are sure to get, in the wood parts, the most select, tough, straight-grained, clear white oak that the forests of Kentucky produce. Only perfectly weather-seasoned timber is used. No green, imperfectly seasoned or kiln-dried timber is ever permitted to go into a handle or beam of an Avery plow.

5. **Sure Duplicating Repairs and Parts.**—*Absolute uniformity and exact fitting repairs.* Each part is carefully fitted to a pattern plow. Reliable and sure-fitting extras always obtainable.

6. **Proven in the Field.**—B. F. Avery & Sons' plow works have a successful record of sixty-seven (67) years' particular attention to the needs of farmers. Hence, Avery plows grow better and more popular each succeeding year.

Please remember the picture of B. F. Avery, in colors, is on all our plows. None other are genuine. The picture is a guarantee of unqualified excellence.

Our Name and Trade-Mark are stamped on repairs for our Steel, Cast, and Chilled Plows and Cultivators.

No other are genuine. Look for this; take no other.



We have frequent complaints from persons who have been defrauded into the purchase of imitations of our plows and other tools and parts thereof; therefore, be careful to look on every plow or part you purchase for "Avery," "B. F. Avery," or "B. F. Avery & Sons," which is plainly branded on all goods of our manufacture. Also look for Trade-Mark on all castings, steel points, and parts, and buy points and parts only from merchants who handle the Genuine Plows and Cultivators. Fraudulent points and repairs of all kinds, besides not fitting well, are invariably of *inferior material* and workmanship. Demand the Genuine Avery.

Repairs and duplicates of all Avery plows and parts are readily obtainable from the factory and from responsible merchant agents of B. F. Avery & Sons. Order specifically, according to the marks cast or stamped in the metal parts, or stenciled on the wood parts, and you will then be sure to get true and exact-fitting duplicates and repairs.

Uniformity and exactness are features of our work that especially commend Avery plows to the farmer and to the trade.

IMPORTANT POINTS TO OBSERVE WHEN ORDERING.

- 1st. Write your order plainly and explicitly, so there can be no chance of error in filling.
- 2d. Specify whether you wish *Right or Left Hand* plows or repairs. Right Hand plows and repairs shipped always unless Left Hand are specified.
- 3d. Specify particularly when ordering repairs for *Old Style* plows or cultivators just what you want, giving page of catalogue, or send paper pattern of old part.
- 4th. We do not *insure* river shipments unless specially instructed to do so in each order.

5th. *We warrant* our goods against breakage only when caused by manifest defects in material used, or workmanship, and no plows or repairs will be received that are returned to us without our permission. All *damaged* goods must be returned to us upon our demand or when authorized by us, and not otherwise, or no claims will be allowed.

6th. To insure getting *repairs* for our implements, which are not designated in Catalogue or Price List, a tracing on paper should be sent of the parts desired. The large number of plows we are making and the changes we have made in past years make it necessary to observe this rule closely.

7th. In ordering standards and extra beams and handles for our Pony, A. O., B. O., C. O., and D. O. plows, please state whether they are for the Old Style plows, with the standard going through the beam, or the New Style cap standard plows, with two bolts through the beam, and whether with malleable or wrought iron cap.

8th. Orders for Southern shapes or steel blades must specify whether *black* or *polished* are wanted. Polished blades are sent when not otherwise specified. Where more than one length is listed on Blade Sheet, specify what length is wanted.

9th. *All quotations and prices are at Factory.*

10th. *Our responsibility* ceases with the delivery of the goods to the public carrier and transmitting receipt therefor to consignee.

11th. *RECLAMATIONS.*—For damages sustained by undue delay, or non-delivery, or shortage or breakage of goods, *your recourse is* (as decided by law) upon the public carrier. We will cheerfully render all assistance in our power to trace and recover lost goods and collect damages, but in no instance is the payment of our bills subject to the non-arrival of goods at destination.

12th. No goods sold on commission or sent C. O. D.

13th. *We send one extra point* with each *Turning Plow*, except *Clipper Plows*, *New Ground Plows*, *Jumping Shovels*, and various *Special Plows*, etc.

14th. *TERMS.*—All bills payable in Louisville or New York exchange.

Express remittances must be prepaid.

All accounts are due in prompt cash unless note is arranged for and promptly given.


15th. *CREDITS.*—Orders from those whose credit is not previously established on our books must be accompanied with the cash, or satisfactory references.

16th. All former Catalogues and Price Lists are superseded by this Catalogue and the prices herein, and all prices are subject to change without notice.

LEFT HAND PLOWS.

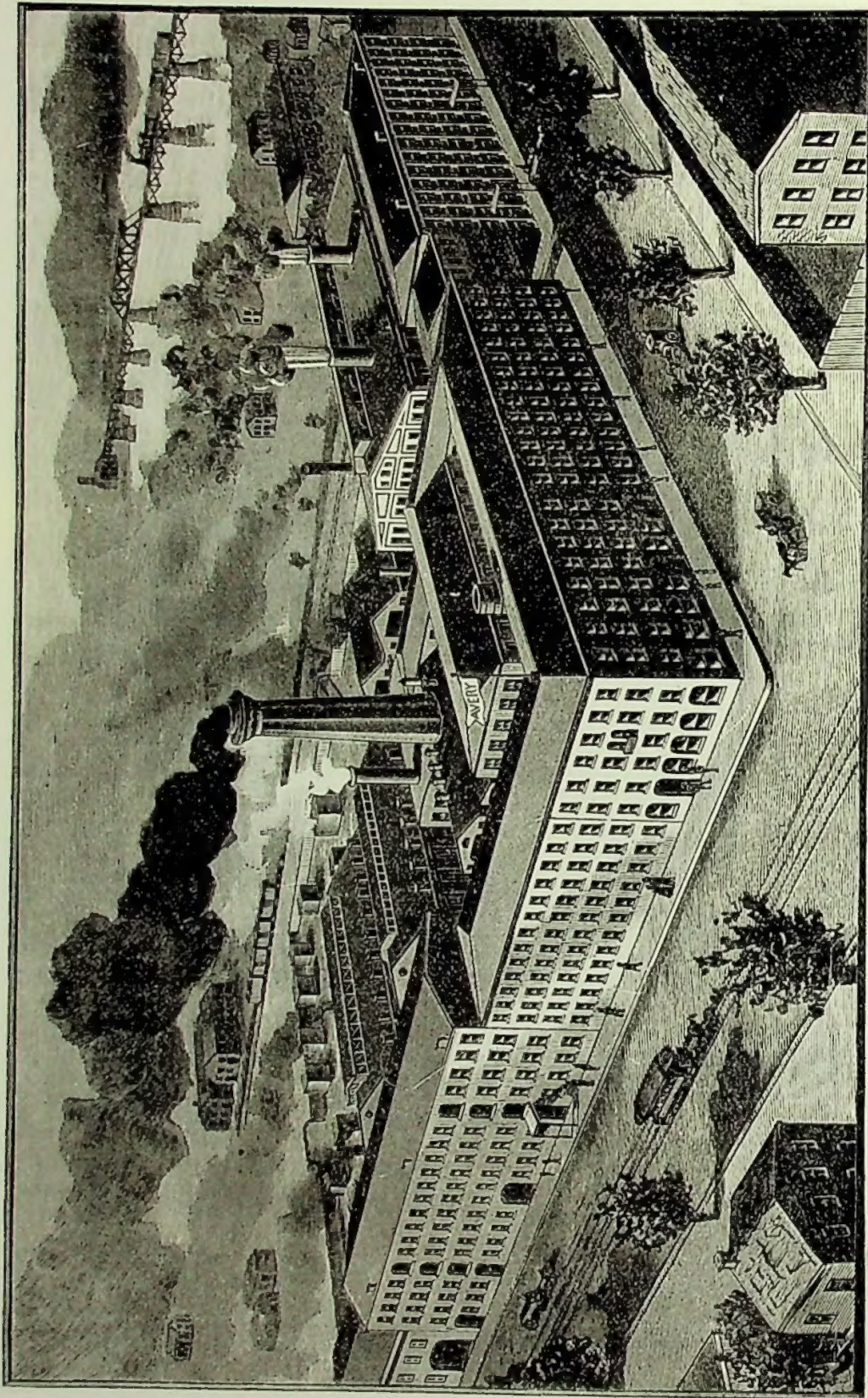
As noted elsewhere, we send Right Hand Plows always unless Left Hand are specially ordered. We condense from the pages of this Catalogue the following list, comprising the plows we make Left Hand, as well as Right Hand:

Cast Plows,	Nos. 3, 4, 5, N., Y., and YY.
Chilled Plows,	Nos. 16, 16½, 17, and 18.
Steel Plows, both wood and steel beam, {	Pony Series, . . Nos. C.O., D.O., E.O., F.O.
	Western Series, Nos. C.O., D.O., E.O., F.O.
Clipper,	10 inch, 12 inch, 14 inch, and 16 inch.
Black Land,	No. 65X.
Simple Sulky Plows,	8 inch, 10 inch, 12 inch, 14 inch, and 16 inch.

 We desire a reputable merchant to handle our goods in every town. If our goods are not kept by a dealer in or near your town, kindly inform us.



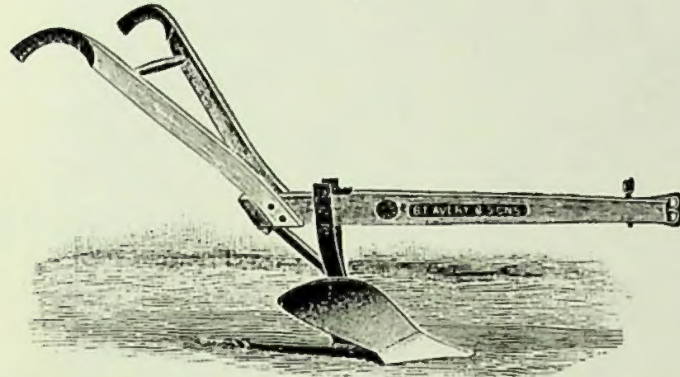
B. F. AVERY.



B. F. AVERY & SONS' PLOW FACTORY, CORNER FIFTEENTH, MAIN, CROP, AND ROWAN STREETS, LOUISVILLE, KENTUCKY, U. S. A.

CAST PLOWS.

Avery's Georgia Stock Turning Plow. One-Horse.

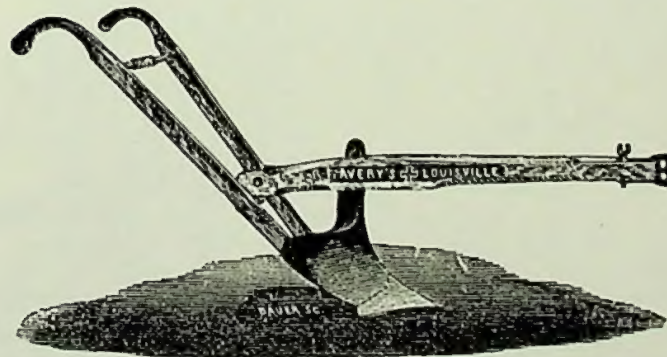


Our cheapest cast plow. Wrought standard. The plow bottom will fit any regular single plow stock. Remove the bottom and any Southern shape can be used instead.

Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
Georgia Stock Turning Plow	7 inch	34	Babbler

No. 8 (Old Series). One-Horse.



The No. 8 is the world's wonder as a one-horse cotton bedder, bluff of mold-board, strong and durable.

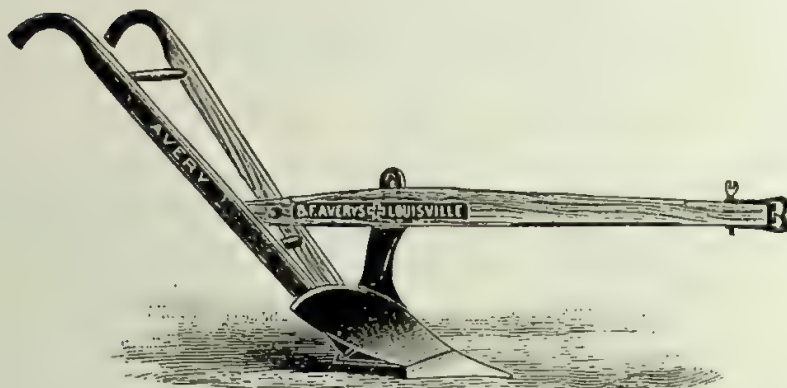
The No. 12 of this series is a two-horse plow having a very high and bold mold-board and helve, and is especially adapted to bottom-land culture. The original, old reliable Avery models.

Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
No. 8	7 inch	35	Babe
No. 12	8½ inch	51	Baboon

CAST PLOWS—Continued.

No. $\frac{1}{2}$ (New Series). One-Horse.



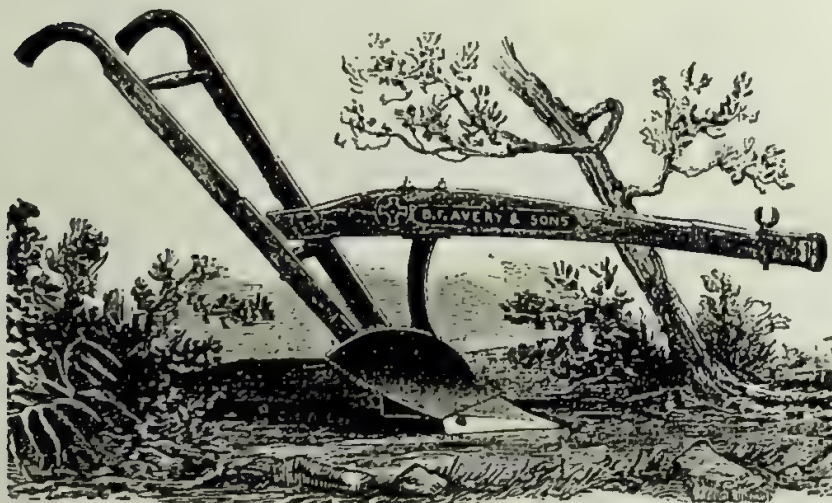
The No. $\frac{1}{2}$ has more gradual turning power than our No. 8, and is preferred in some sections. We make four sizes of this series.

Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
No. $\frac{1}{2}$	7 inch	35	Baby
No. 1	8 inch	39	Babyhood
No. 2	8 $\frac{1}{2}$ inch	44	Babyism
No. 3	9 inch	53	Bachelor

*Both Right and Left Hand.

The "Red Pony" Plow. One-Horse.



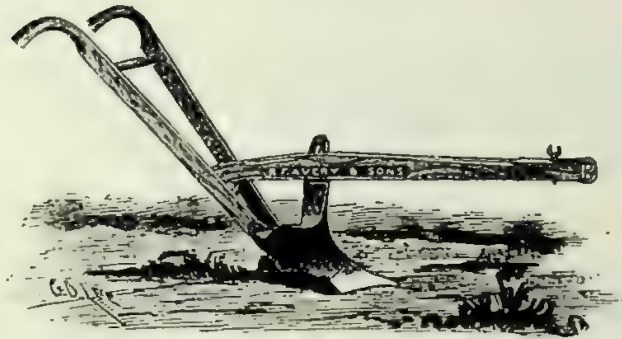
Painted red. Constructed on the model of our world-famous Steel Pony Plow. Wrought iron, wrought-capped standard, cast mold-board, cast point and cast hand-side. Light draft. Steel Pony Points fit this plow.

Extra cast point with each plow.

NAME	CUT	WEIGHT	CODE WORD
Red Pony	7 inch	37	Badge

CAST PLOWS—Continued.

The "Red Bird" Plow. One-Horse.



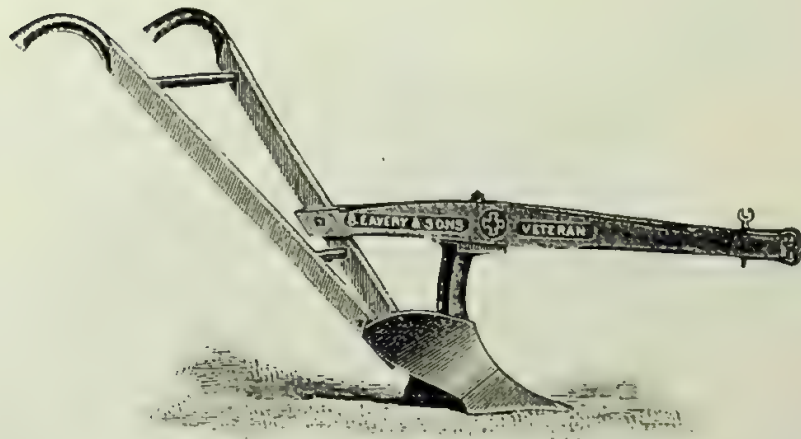
Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
No. 1½	6 inch	37	Baffler
No. ¾	6½ inch	38	Bagpipe

The Veteran Plow. One-Horse.

(Patented)

WITH OUR PATENT CHILLED ADJUSTABLE HEEL.



A series of cast plows with bluff mold-board, after the fashion of our old No. 8, with cast standard and mold-board, and patent adjustable chilled heel, furnishing cheap and permanent repair landside, also, regulating the pitch of plow as it becomes worn. A good cotton bedding plow, or general purpose light one-horse plow.

Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
No. 6½	6½ inch	40	Ballist
No. 7	7 inch	41	Bakery

CHILLED PLOWS.

The No. 8. Chilled.

(Patented)

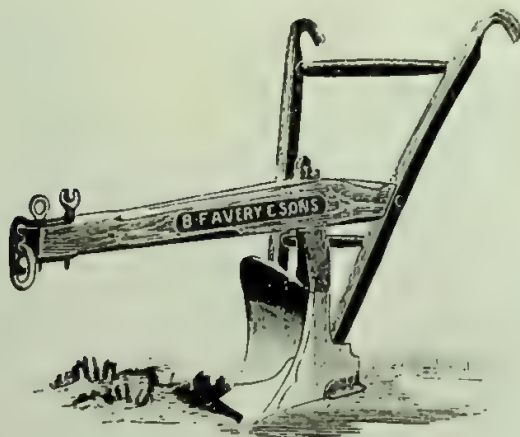


The No. 8 chilled plow is one that can be relied upon, has exactly the same shaped mold-board as the old No. 8 cast plow, so long and favorably known throughout the country. Our No. 8 cast points will fit this plow; has our patent adjustable chilled heel, and can be regulated to run evenly in bedding or ordinary plowing. The chilled iron is of superior quality. They are beautifully finished and painted red.

Extra point with each plow.

The No. 12. Chilled.

(Patented)



LIGHT TWO-HORSE, 9-INCH CUT.

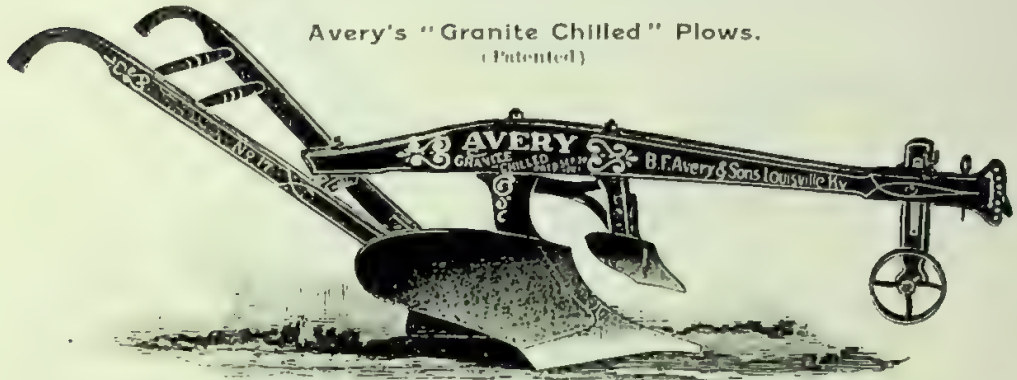
The cut above shows our patent landside construction, with patent adjustable chilled heel. No. 12, chilled, as also our No. 8, chilled, are, without doubt, the best chilled plows for cotton and general bedding and Southern cultivating on the market. We finish them in a bright red paint, making them a very sightly and attractive plow.

Extra point with each plow.

NAME	CUT	WEIGHT	CODS WORK
No. 8	7 inch	38	Balcony
No. 12	9 inch	56	Balloon

CHILLED PLOWS—Continued.

Avery's "Granite Chilled" Plows.
(Patented)



New and valuable features. Among these we may mention—

1st. A new combination of metals, hard as a diamond, and yet strong and not liable to break. Less breakage than in any other chilled plow.

2d. A patent adjustable chilled heel, which is used to restore the pitch or suck of plow, thus reducing cost of repairs to a trifle.

3d. The plow is so perfect in outline and shape that it turns any kind of soil. Wraps under the weeds and trash completely.

4th. It runs smoothly, and is very light draft.

5th. Is easy and cheap to keep in repair.

6th. We make a variety of points with degrees of penetration for any and every kind and condition of soil. Specify when ordering.

Cut below shows landside view of plow. We recommend using the jointer in all sod plowing. Gauge wheels made for same.



Extra point and malleable wrench with each plow.

NAME	TURNING CAPACITY	WEIGHT	CODE WORD
No. 14	6½ to 7 inches	47	Ballot
No. 14½	7 to 8 inches	56	Balsam
No. 15	8 to 9 inches	61	Bandbox
No. 16	9 to 10 inches	90	Bandlt
No. 16½	10 to 11½ inches	97	Baulsh
No. 17	11 to 13 inches	106	Banner
No. 18	12 to 14 inches	116	Banquet

No. 16 and larger sizes have movable shin-pieces.

Either Right or Left Hand.

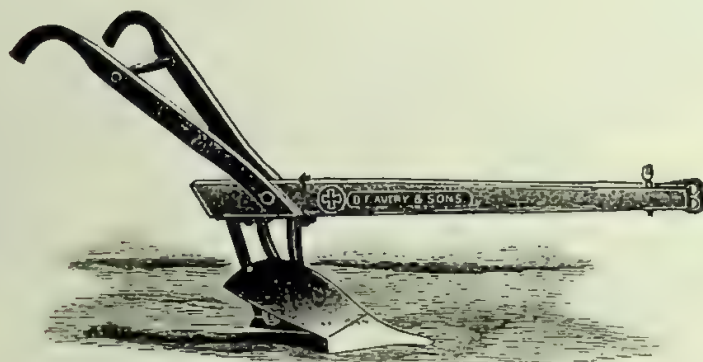
We make "TIPPED" POINTS, cast, cast steel points also for No. 16 and larger.

In ordering any extras or repairs for old series of chilled plows, made previous to our "Granite Chilled" plows (September, 1891), it is important to state "Old Series" particularly.

Prices of old repairs same as prices for Granite repairs.

STEEL PLOWS.

Combination Steel Plow.



For garden work or light cultivation. A scraper, sweep-shovel, or bull-tongue blade can be attached, making it an all-round one-horse plow.

Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
Combination	7 inch	41	Bantam

The Cadet Plow—with Patent Adjustable Heel.



A good plow for bedding cotton or rounding corn and general cultivating. Cast standard, with hardened steel mold-board and point, and patent adjustable chilled heel attached to landside.

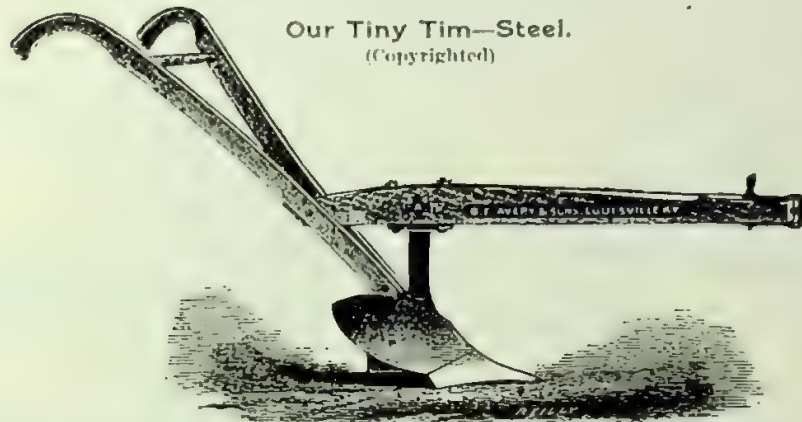
Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
No. 6	6 inch	35	Barbecue
No. 7	7 inch	38	Barber

Note—The mold-boards of our wood beam plows in all the different series of steel plows we make (described in the following pages), do not interchange with molds of steel beam plows. It is therefore necessary to state, when a steel mold board is wanted, whether it is for a wood beam or steel beam plow, as well as the exact name or number.

The mold-boards of new series C. O. and D. O. steel beam plows (beginning Nov. 1, 1890) are marked C. O. X. or D. O. X. Specify clearly in ordering these mold-boards whether C. O. or C. O. X. is wanted, etc.

STEEL PLOWS—Continued.



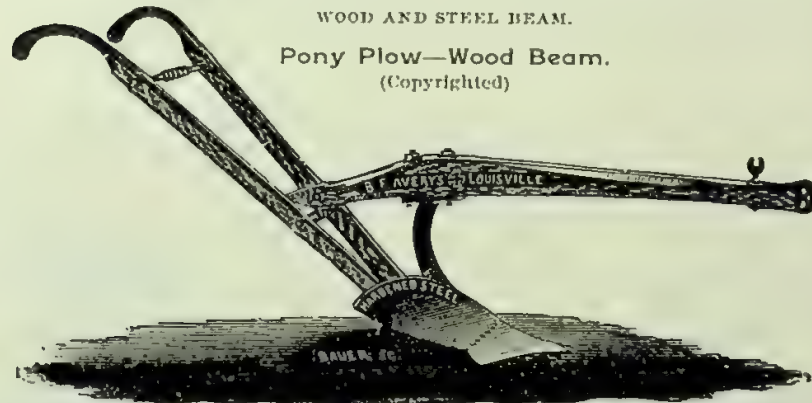
Our Tiny Tim—Steel.
(Copyrighted)

A good, light one-horse plow for cultivating purposes. Wrought-capped standard and malleable frog. Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
Tiny Tim	6 inch	31	Barefoot

AVERY'S "PONY SERIES" OF PLOWS.

WOOD AND STEEL BEAM.



Pony Plow—Wood Beam.
(Copyrighted)

Wrought-capped standard. Steel mold, point, and landside.

"The Banner one-horse plow," imitated by many, equaled by none; correct mold-boards, material and workmanship first-class. The most perfect general purpose plow ever designed of its size. Beware of imitations; none genuine without our name and trade-mark on beam and parts. For gritty or gravelly lands we supply cast points when ordered; we also make cutter points for this plow, very useful for rounding corn, and for the larger sizes, also, for sod plowing.

Avery's world-famous Pony Series of plows includes Pony, A. O., B. O., C. O., D. O., E. O., and F. O., both wood and steel beams.

Extra point with each plow.

Wood Beam Plows

NAME	CUT	WEIGHT	CODE WORD
Pony	7 inch	40	Barmald
A. O.	8 inch	42	Baron
B. O.	9 inch	46	Baronet
*C. O.	10 inch	60	Barrister
*D. O.	11 inch	69	Bashful
*E. O.	12 inch	88	Basket
*F. O.	13 inch	112	Bastard

*Right or Left Hand.

Steel Beam Plows

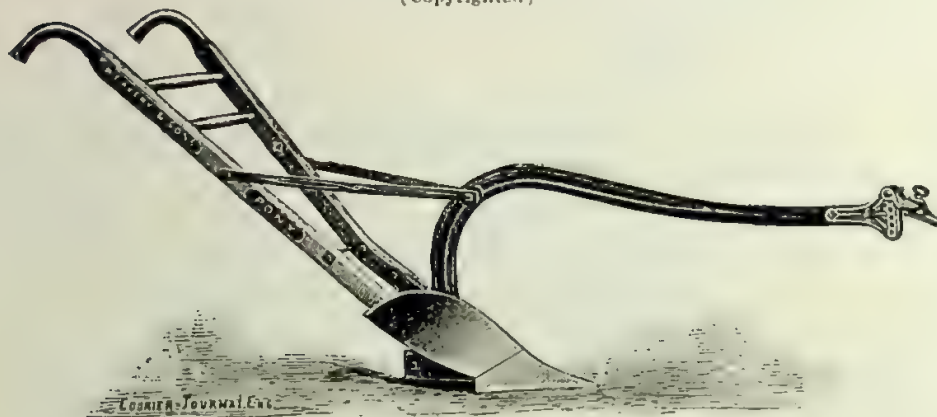
NAME	CUT	WEIGHT	CODE WORD
Pony	7 inch	54	Battery
A. O.	8 inch	63	Bawling
B. O.	9 inch	64	Bazaar
*C. O.	10 inch	83	Beacon
*D. O.	11 inch	85	Beadle
*E. O.	12 inch	98	Beaker
*F. O.	13 inch	109	Beast

Cuts of several of the larger sizes of this series are shown on following pages.

STEEL PLOWS—Continued.

Pony Plow—Steel Beam.

(Copyrighted)



ONE-HORSE, 7-INCH CUT.

This cut shows our celebrated Pony Plow, with steel beam; it is strong and yet light, and is preferred by many to the wood beam in very trashy ground. The general qualities of the steel beam Pony Series are the same as the wood beam—first class in every particular. Cast points for repairs when specially ordered.

Extra point with each plow.

C. O. Plow—Wood Beam.



MEDIUM TWO-HORSE, 10-INCH CUT. BOTH RIGHT OR LEFT HAND.

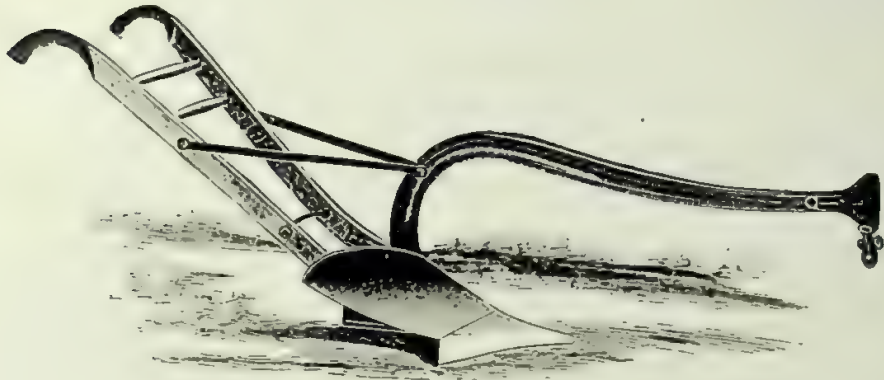
This Plow has great turning capacity, pulverizing the ground almost the same as if harrowed. Sheds in most difficult soils, it turns the weeds and trash completely under. We recommend in sod or stubble work the use of either Knife or Rolling Coupler, or the Jointer.

Extra point with each plow.

SEE Weight and code word of the above plows given on Page 13.

STEEL PLOWS—Continued.

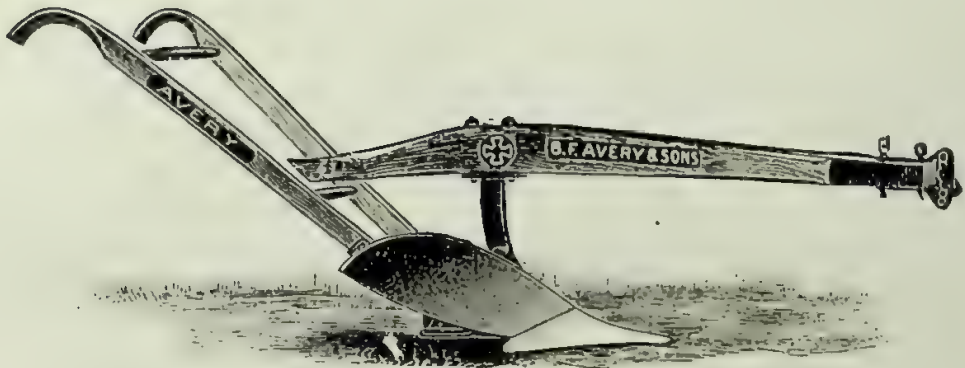
C. O. Plow—Steel Beam.



MEDIUM TWO-HORSE, 10-INCH CUT. BOTH RIGHT AND LEFT HAND.

Extra point with each plow. Cast repair points when ordered.

D. O. Plow—Wood Beam.



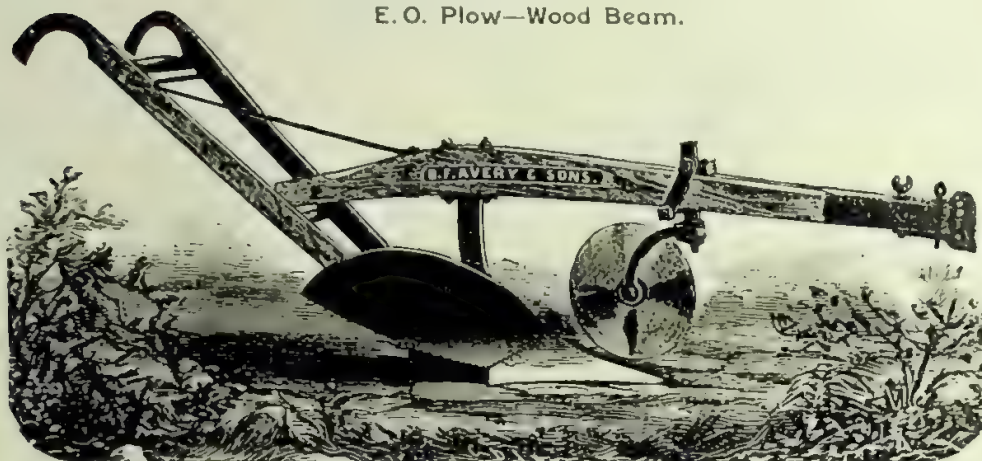
TWO-HORSE PLOW, 11-INCH CUT. BOTH RIGHT AND LEFT HAND.

Extra point with each plow. Cast repair points when ordered.

and Weight and code word of above plows given on Page 13.

STEEL PLOWS—Continued.

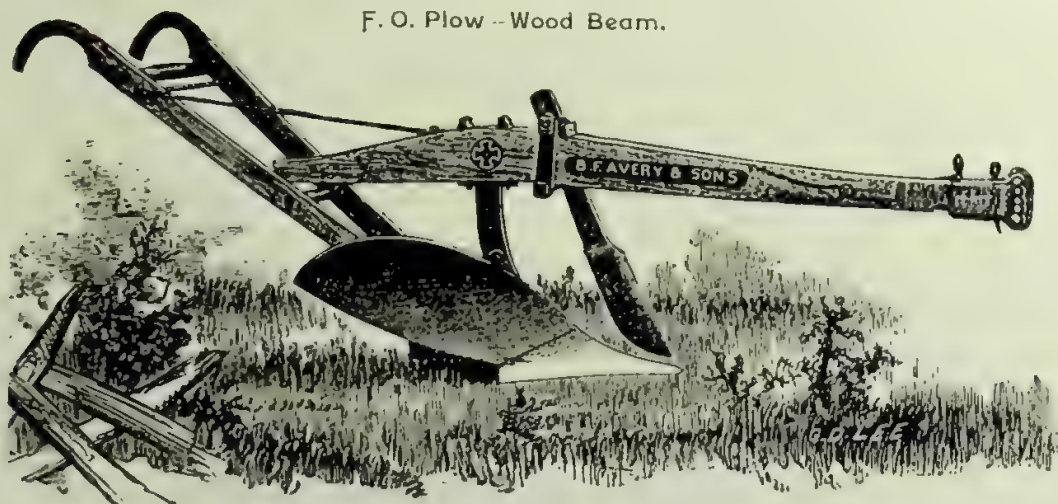
E. O. Plow—Wood Beam.



HEAVY TWO-HORSE, 12-INCH CUT. BOTH RIGHT AND LEFT HAND

This cut shows the adjustment of Rolling Coulter. Coulter extra.
Extra point with each plow. Cast points if ordered.

F. O. Plow—Wood Beam.



THREE-HORSE PLOW, 13-INCH CUT. BOTH RIGHT AND LEFT HAND.

This cut shows the adjustment of Knife Coulter.

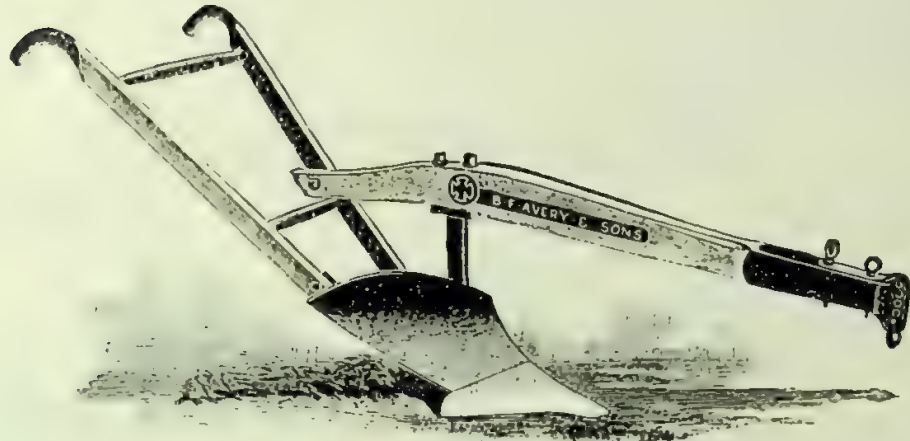
Extra point with each plow. Cast points as well as steel points supplied, as ordered.

Remember, all of above series of plows from Pony to F. O., inclusive, we make either wood or steel beams. Extra points, cast or steel, as ordered. Sizes C. O. D. O., E. O., and F. O., Left Hand as well as Right Hand.

Weight and code word of above plows given on Page 13.

STEEL PLOWS—Continued.**AVERY'S "WESTERN" SERIES.**

C. O. "Western"—Wood Beam.



This is a sod and stubble series of plows which can not be excelled. Are light draft, have ample mold-board and turning power; will do excellent work in all clay soils. The steel points of our old reliable Pony Series of C. O., D. O., E. O., and F. O. will interchange with this series. We make cast points for this series also.

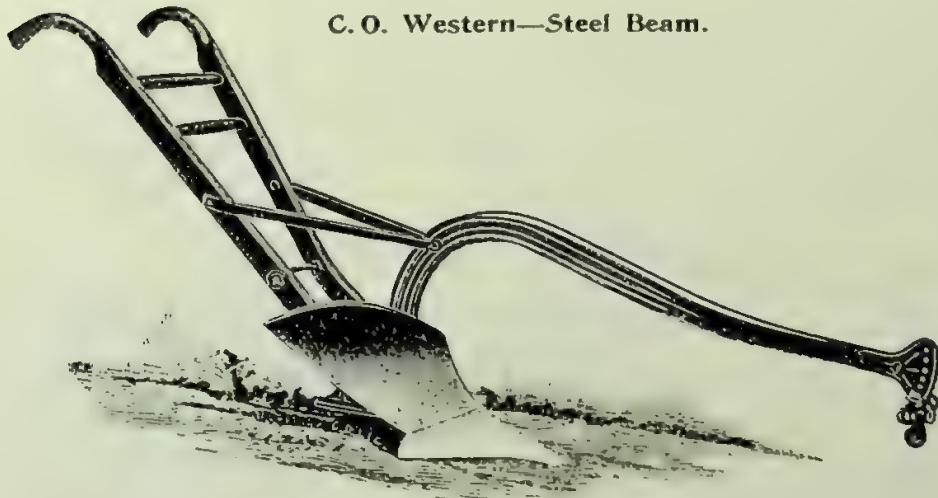
Extra point with each plow.

Wood Beam Plows

NAME	CUT	WEIGHT	CODE WORD
C. O. Western	10 inch	75	Beau
D. O. Western	11 inch	80	Beauty
E. O. Western	12 inch	95	Beaver
F. O. Western	13 inch	112	Beckon

Steel Beam Plows

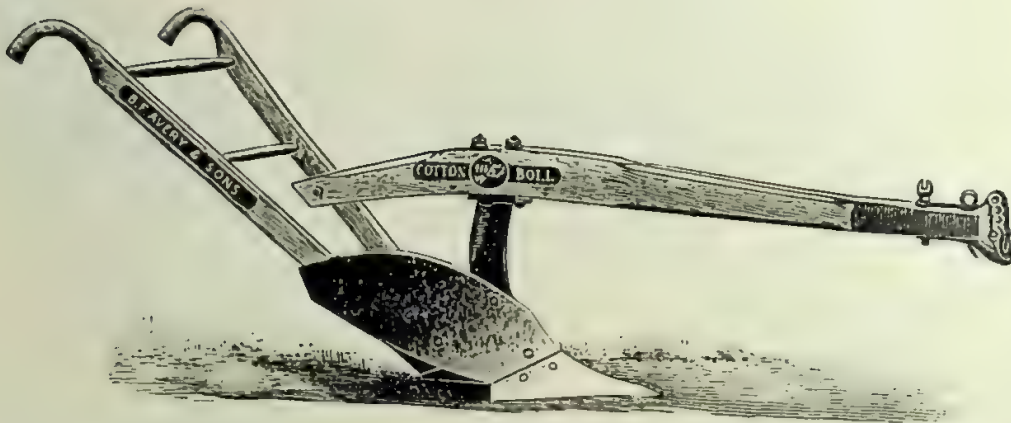
NAME	CUT	WEIGHT	CODE WORD
C. O. Western	10 inch	90	Bedlam
D. O. Western	11 inch	95	Bedmate
E. O. Western	12 inch	100	Bedside
F. O. Western	13 inch	110	Bedstead

C. O. Western—Steel Beam.

We make this series both Right and Left Hand. The cast and steel points of our old reliable Pony Series of C. O., D. O., E. O., and F. O. will interchange with this series. See description of wood beam plows above.

STEEL PLOWS—Continued.

No. 10. New Cotton Boll Series.



A new series on the market this season. We specially recommend them to the cotton, corn, and sugar planters and truckers. They are extra strong built and have the lightest possible draft; have strong malleable standards, steel mold-board, steel points, and solid steel bar handside.

The points of these plows have ALL the bolts on the FACE (the Nos. 6½, 7, and 8 have one large bolt, and Nos. 9 and 10 have two large bolts), which make it very easy to remove or renew points. Strong, simple, common-sense plows; parts few bolts big and strong.

Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
No. 6½	6½ inch	50	Beefpie
No. 7	7 inch	54	Beefsteak
No. 8	8 inch	60	Beehive
No. 9	9 inch	80	Beetle
No. 10	10 inch	85	Beggar

STEEL PLOWS—Continued.**AVERY'S "CLIPPER SERIES."**

12-Inch—Wood Beam.



An extra high grade of plow, embracing the qualities of the "general purpose" with that of the superior sod and stubble plow. Suited for any and all work in any section of country, particularly in clay and stiff lands. Has our patent adjustable chilled heel, very strongly made and braced. In every particular an A No. 1 plow. Mold-boards are double shin. Finest and strongest plow made.

In ordering repairs be careful to ascertain and state whether "Clipper" or "New Clipper."

Extra points are NOT furnished with these plows.

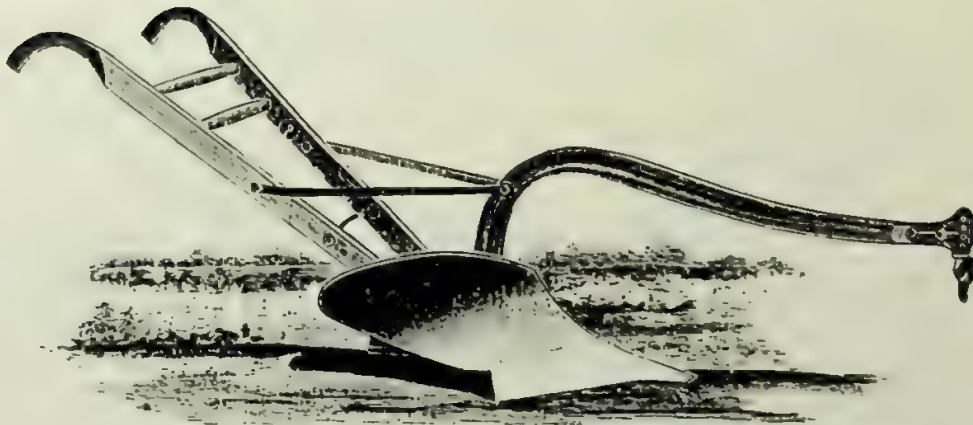
Wood Beam Plows

NAME	CUT	WEIGHT	CODE WORD
No. 10	10 inch	81	Belfry
No. 12	12 inch	101	Bellman
No. 14	14 inch	106	Bellows
No. 16	16 inch	110	Benedict

Steel Beam Plows

NAME	CUT	WEIGHT	CODE WORD
No. 10	10 inch	94	Benign
No. 12	12 inch	103	Benumb
No. 14	14 inch	121	Bersert
No. 16	16 inch	125	Besotted

Prices on above do not include extra point.

12-inch Clipper—Steel Beam.

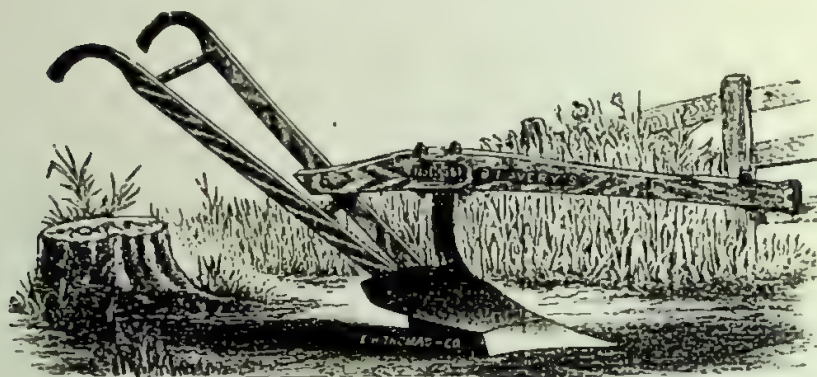
See description of wood beam Clipper Plows above.

These plows are made both Right and Left Hand. We make cast points for this series also. In ordering plows which are made both wood and steel beam, and both Right and Left Hand, always specify kind wanted. When not specified, we always send Right Hand, wood beam plows and repairs.

STEEL PLOWS—Continued.

X SERIES OF BLACK LAND PLOWS.

No. 61X, Convex Mold-Board Steel Plow—Wood Beam.



These plows are made the lightest possible draft and strong; will reasonably turn and shed the black, waxy, and hog-wallow lands, or any class of sticky lands. Thousands in use on plantations, giving satisfaction. Material, finish, and workmanship of the best. We also make cast points for this series when desired. In ordering extras be careful to state whether for Nos. 62, 63, 61, 65 plows, or for 62X, 63X, 61X, and 65X.

We also make a special Sugar Land Series of these Black Land Plows, heavier throughout. To be ordered "special Sugar Land." Extra point with each plow.

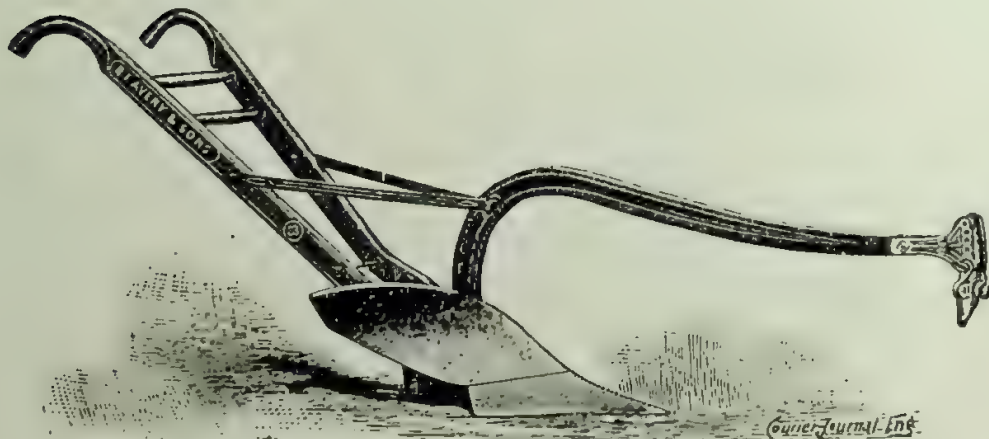
Wood Beam Plows

NAME	CUT	WEIGHT	CODE WORD
No. 61X	7 inch	53	Betray
No. 62X	8 inch	65	Bowel
No. 62½X	9 inch	70	Beverage
No. 63X	10 inch	73	Bowall
No. 64X	11 inch	87	Bleeps
No. 65X	12 inch	111	Biddy
No. 65X	13 inch	113	Bigandst

Steel Beam Plows

NAME	CUT	WEIGHT	CODE WORD
No. 61X	7 inch	62	Bigamy
No. 62X	8 inch	70	Billions
No. 62½X	9 inch	82	Billet
No. 63X	10 inch	85	Billiards
No. 64X	11 inch	95	Biped
No. 65X	12 inch	103	Blrch
No. 65X	13 inch	105	Birdseye

No. 63X, Convex Mold-Board Steel Plow—Steel Beam.



These plows are the same model and design as the wood beam, but with steel beam, which makes them extra strong and durable.

STEEL PLOWS—Continued.

"O" OR "OUGHT" SERIES BLACK LAND PLOWS.

No. 20-0. Convex Mold-Board Steel Plow—Wood Beam.



This series of Black Land Plows is old and popular. Has beautiful convex mold-board; mold point and landside made of finest quality of steel. Strongly constructed and does first-class work. Light, trim, and easy draft.

Extra point with each plow.

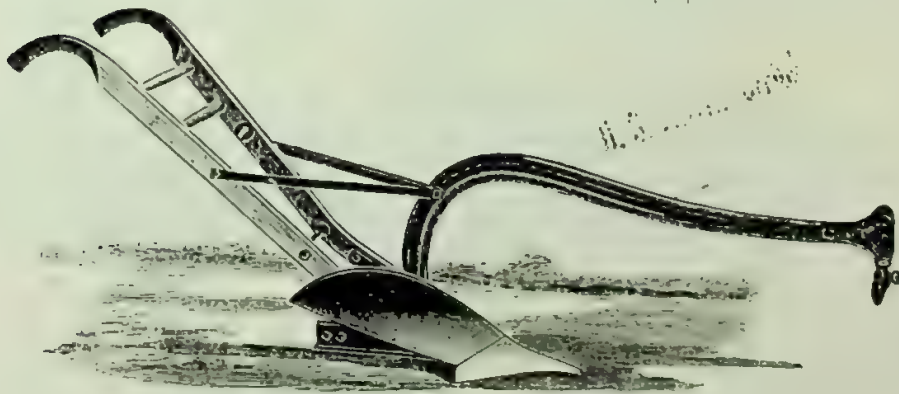
Wood Beam Plows

NAME	CUT	WEIGHT	CODE WORD
No. 20-0	6½ inch	44	Birthday
No. 30-0	7½ inch	62	Birbright
No. 40-0	8½ inch	66	Elscull

Steel Beam Plows

NAME	CUT	WEIGHT	CODE WORD
No. 20-0	6½ inch	61	Blamuth
No. 30-0	7½ inch	69	Bivouac
No. 40-0	8½ inch	82	Blzarce

No. 30-0. Convex Mold-Board Steel Plow—Steel Beam.



Same turning model as the wood beam plow above. The steel beam adds strength and durability. Good, easy worker in sticky land.

STEEL PLOWS—Continued.

AVERY'S IMPROVED BLACK LAND PLOWS.

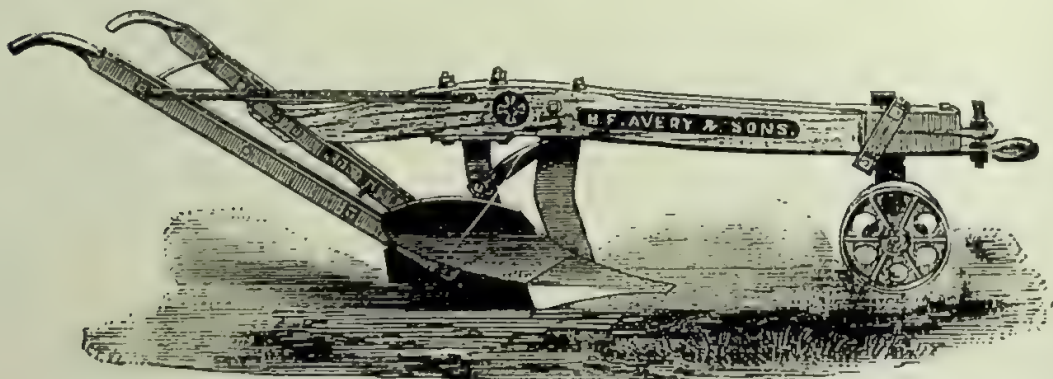
MADE ONLY IN STEEL BEAM.



This series of four sizes, 7-inch, 8-inch, 9-inch, and 10-inch steel, beam **Improved Black Land Plows** are new favorites in the black, waxy, stiff lands of Texas and other "adhesive" districts. Scour perfectly; mold-board, point, and landside of the highest grade. Extra hard ened steel. No clogging or loading up, nor balling up in the bottom. **THE PLOW** for perfect work in sticky lands. Solid steel beams. Made for strength, scouring, and clean, thorough work in the blackest, waxiest land. Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
No. 7	7 inch	67	Blackjack
No. 8	8 inch	69	Blanch
No. 9	9 inch	84	Blanket
No. 10	10 inch	89	Barney

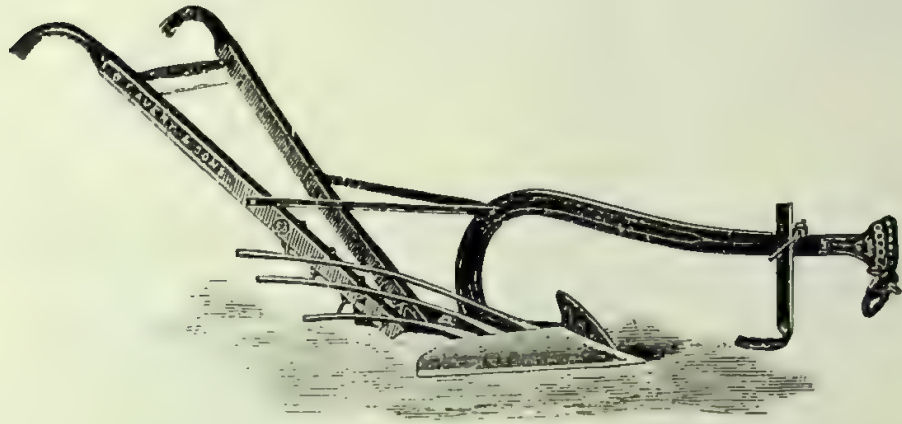
AVERY'S STEEL RAILROAD OR GRADING PLOWS.



A monster for plowing up macadam streets and the like. The strongest plow on the market. Made especially for hard, rough work. Used by railroad and other heavy contractors throughout the country. Mold-board and point of extra heavy steel. Wrought iron, extra heavy standard, welded to standard cap, through which pass two super-strong bolts. Special heavy wrought iron handles. Beam of choice, tough, seasoned white oak. Underneath the beam runs a heavy iron strap, attached to the standard and running to the end of beam, forming draft-rod for clevis. A very strong and heavy cutter is attached to each plow, giving it additional strength. Gauge slide or gauge wheel supplied as preferred without extra charge. Extra point with each plow.

NAME	CUT	WEIGHT	CODE WORD
Railroad No. 1.	10 inch	221	Blazer

AVERY'S ROD BREAKER PLOW.

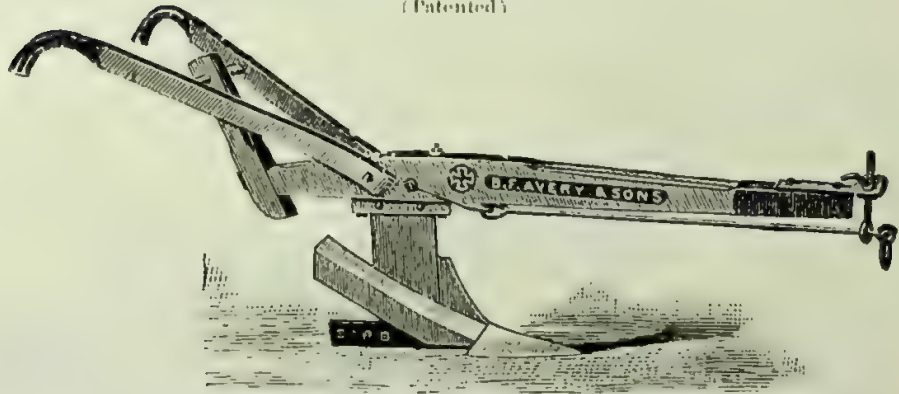


Does excellent work in cutting and turning over all virgin sod lands. An extra cutter point goes with each plow. Steel beam only.

NAME	CUT	WEIGHT	CODE WORD
No. 12	12 inch	75	Brevity
No. 14	14 inch	79	Browery
No. 16	16 inch	83	Bribery

MALLON'S "SUB-SOIL" Plow.

(Patented)

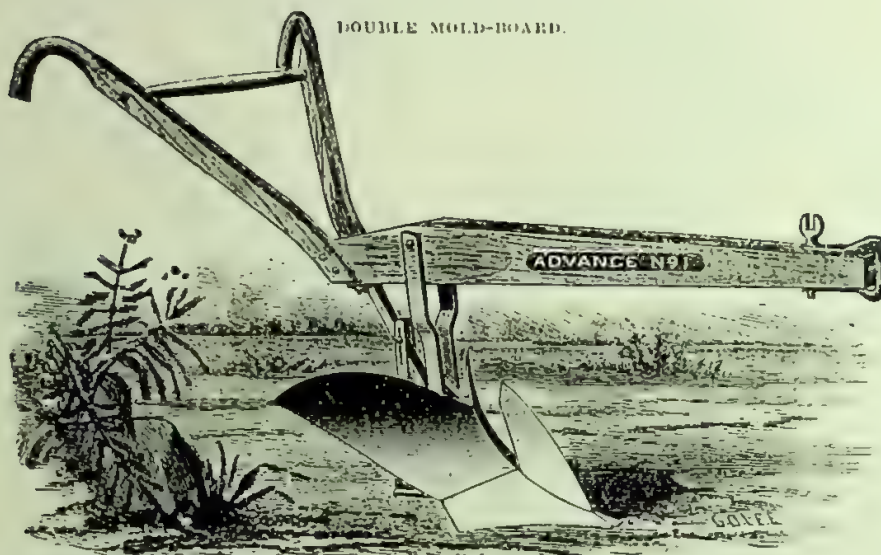


Method of Using.—It is designed to follow in the furrow of an ordinary turning plow and loosen the hard sub-soil to a great depth, allowing it to fall back in its own furrow thoroughly pulverized, and leaving the soil in excellent condition for free access of moisture and air to the roots of growing crop. It has a high standard, and permits deep plowing without clogging. It is strongly built, but very light in weight. If you have an abandoned or worthless piece of land, reclaim it with this Sub-soil Plow.

Note.—We do not advise following a left-hand turning plow with a RIGHT-HAND sub-soil plow, as it would not run steadily. At present we make these sub-soil plows only right-hand. Extra point with each plow.

NAME	WEIGHT	CODE WORD
No. 2	93	Brickbat
No. 4	120	Brigade

AVERY'S "ADVANCE" SERIES OF PLOWS.



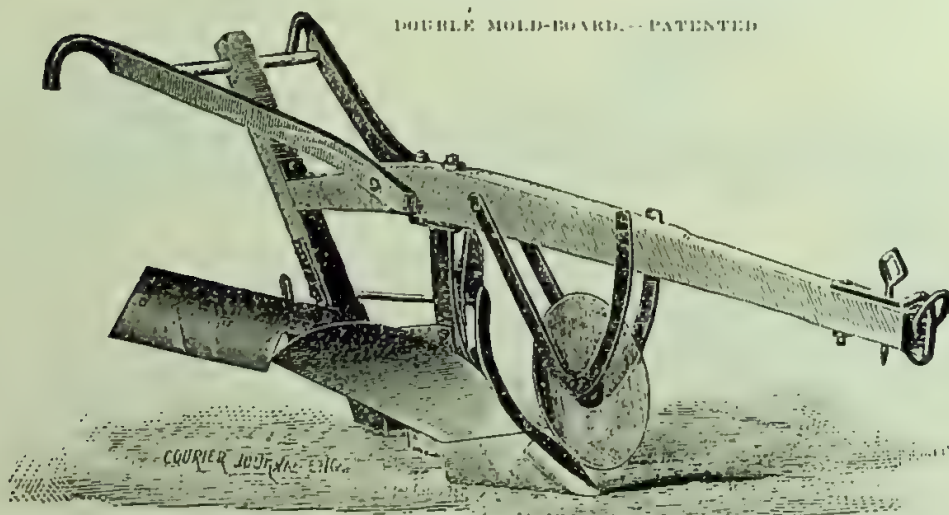
For bursting old beds or ridges the "Advance" has no equal. A great labor saver for bursting open middles and plowing out quarter drains. The fin cutter point is preferred in some work. In ordering extra points be sure to advise whether plain or fin cutter points are desired.

Extra point with each plow

NAME	CUT	WEIGHT	CODE WORD
No. $\frac{1}{2}$	10 inch	55	Brindle
No. 1	12 inch	59	Briton

"ADVANCE," WITH WINGS, FOR DITCHING.

DOUBLE MOLD-BOARD. -- PATENTED

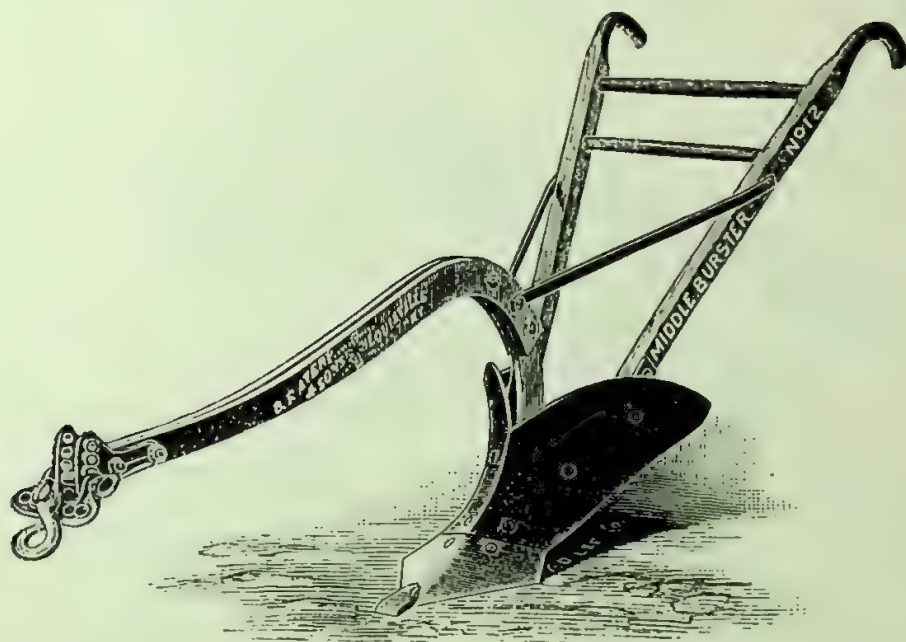


The above cut represents one of our larger "Advance" plows, of which we make six sizes, shown with patent wings. They are especially adapted for use in the cultivation of sugar cane, high bedding, ditching, etc.

Write for special circular and prices of special "Advance" plows, sizes No. 1, and larger. Supplied with and without wings.

AVERY'S STEEL BEAM MIDDLE BURSTER PLOWS.

DOUBLE MOLD-BOARD.



We introduce this season above line of steel beam, double mold-board plows, to meet the ever-growing demand for the steel beams. These plows are similar in shape and used for the same work as our wood beam "Advance" plows, shown on preceding page, and are especially recommended for extra heavy work. Points have an extra thick and deep penetrating nose. Plows have steel rudder to steady the work. We make the Steel Beam Middle Bursters Series in seven (7) sizes.

NAME	CUT	WEIGHT	CODE WORD
Middle Burster	10 inch	90	Brongham
Middle Burster	12 inch	95	Brunetto
Middle Burster	14 inch	105	Brute
Middle Burster	16 inch	110	Buccanoer
Middle Burster	18 inch	120	Buckeye
Middle Burster	20 inch	125	Buddhist
Middle Burster	22 inch	130	Buffalo

AVERY'S NEW GARDEN PLOW.

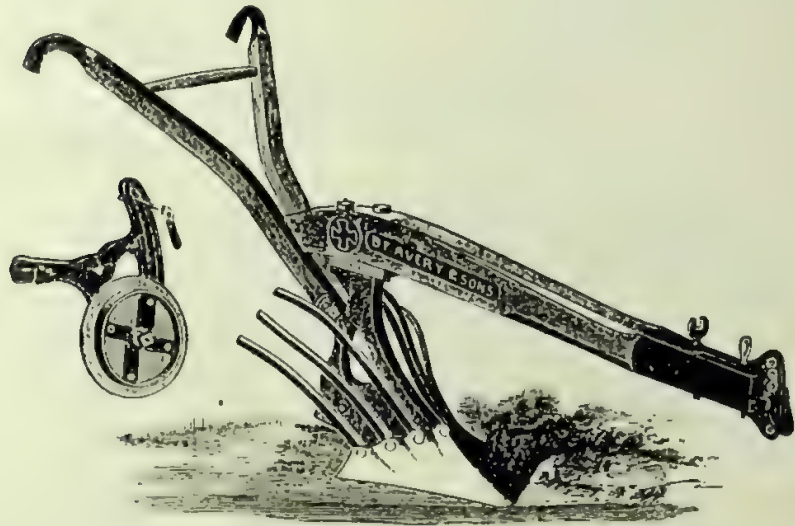


Our old Garden Plow has for years held a deservedly high reputation. Our new one is even better. Has a 24 inch steel wheel; plow is metal throughout, except the wood handles; handles adjustable to suit the height of the gardener, whether a small child or tall man. The three blades comprise (1) a turning shovel, (2) a sweep (or weeding blade), and (3) a furrow opener (calf and bull tongue) blade. Any of these blades are easily attached or detached, and by their use a boy or girl of ten years can easily keep a garden in good order, working the plants more effectively with this handy, light plow than a man with a hoe. "You gently push the plow, the blades do the rest."

In a word, it is the perfection of labor-saving implements for working all kinds of garden beds, and no progressive garden owner should be without it, either in town or country.

NAME	WEIGHT	CODE WORD
New Garden Plow, complete with blades, as above	18	Buffer

AVERY'S STEEL POINT "POTATO DIGGER."



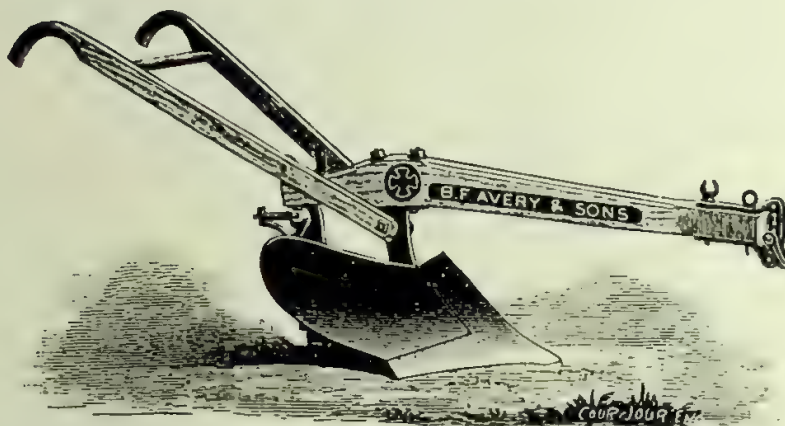
The ribbed surface of the share causes the earth to gather in and follow the grooves, separating from the potatoes, which come promptly to the surface of the pulverized soil. By reason of the fingers being half round and of superior stiff spring steel, the potatoes are lifted out of the ground without being cut or bruised. The above cut shows the vine cutter, which is used in some sections, and which, being a solid wheel, with knife in center, prevents plowing too deep; also prevents cutting potatoes, but cuts the vines and prevents plow from choking up; also steadies the plow. If the Digger does not enter the ground properly, or dig deep enough, lower the rudder by means of the bolt and slot, and at the same time make the proper change in the clevis attachment, which every plowman ought to understand. Six men, with hoes or forks, can not begin to keep up with it. Vine cutter (costs extra) adds to its utility and smoothness of work in heavy vines. We make both cast and steel repair points for the Digger.

Extra point *not* included in price of Digger.

Extra cast or steel points supplied as ordered.

NAME	WEIGHT	CODE WORD
Potato Digger	77	Bugbear
Vine Cutter	18	Bugler

AVERY'S "IDEAL" HILLSIDE PLOW.



It is thoroughly strong in all its parts, and is easily changed from right to left by a simple appliance recently gotten up. The plow is made with the idea of having ample strength, at the same time the least possible weight. It has steel mold-board and cast iron point on each plow with an extra point of cast-steel. Repair points of cast-steel or cast iron furnished as ordered.

NAME	CUT	WEIGHT	CODE WORD
No. 26	8 inch	68	Bulldog
No. 28	10 inch	105	Bulletin

55 In ordering repairs for Ideal Hillside plows, Nos. 22 and 24, and for our old style cast and steel Hillside plows, be particular to specify exact kind (by number and marks) wanted.

56 Former series of Ideal Hillside Plows were Nos. 22 (one-horse) and 24 (two-horse). These have been improved and supplanted by Nos. 26 (one-horse) and 28 (two-horse). Have steel standard, are easily tripped with the foot from right to left. Have an adjustable beam which, by means of an eccentric and hand-lever, enables the plowman to "land" the plow while in motion without loosening a bolt. Superior in strength, and easy, perfect work.

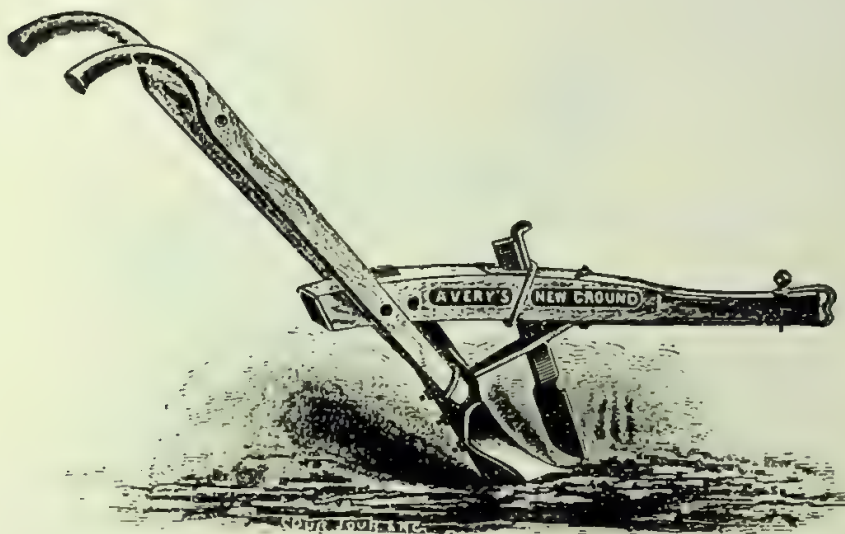
AVERY'S "OLD STYLE" NEW GROUND PLOW.



This plow is well and favorably known in the country, and holds its reputation for being **NO. 1** plow for the work. Steel blade, reinforced by steel bar welded to back of blade Coulter, as shown in cut, furnished with each plow.

NAME	WEIGHT	CODE WORD
Old Style New Ground Plow	50	Bullying

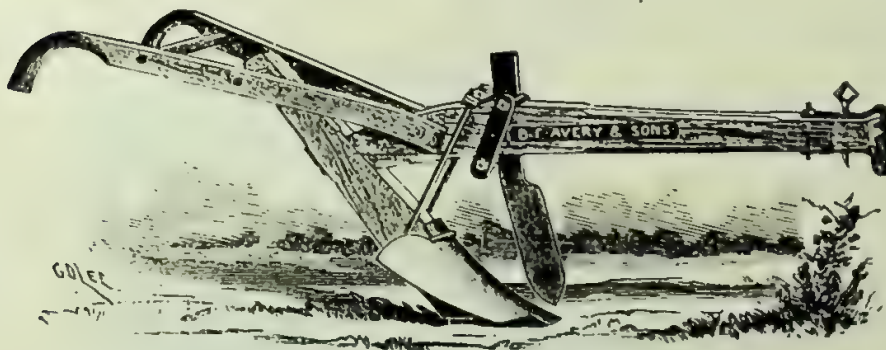
AVERY'S "IMPROVED" NEW GROUND PLOW.



This plow is strong and well gotten up in every particular. Extra thick blade. Coulter included with each plow, either jumping or cutting, as ordered.

NAME	WEIGHT	CODE WORD
Improved New Ground No. 1	49	Bullock
Improved New Ground No. 2	53	Bulrush

AVERY'S "SAMSON" NEW GROUND PLOW.



As the name indicates, the strongest new ground plow on the market. It has no holes bored through the beam or post, which boring has been the cause of breaking beams and posts in other new ground plows. The blade is clamped to the post. It has double brace from post to beam without holes in either. It has solid steel coulter. It has solid steel beam plate. It has wrought iron clevis. It takes the ground free and runs steady. We make three sizes; No. 3, light two-horse; No. 4, medium; No. 5, heavy.

NAME	WEIGHT	CODE WORD
Samson No. 3	51	Bumboat
Samson No. 4	65	Bunkin
Samson No. 5	74	Bunnian

AVERY'S "WOOD BEAM" SINGLE SHOVEL PLOW.



Our Single Shovel is amply strong in every feature. It makes a good light jumping shovel if a steel coulter be attached.

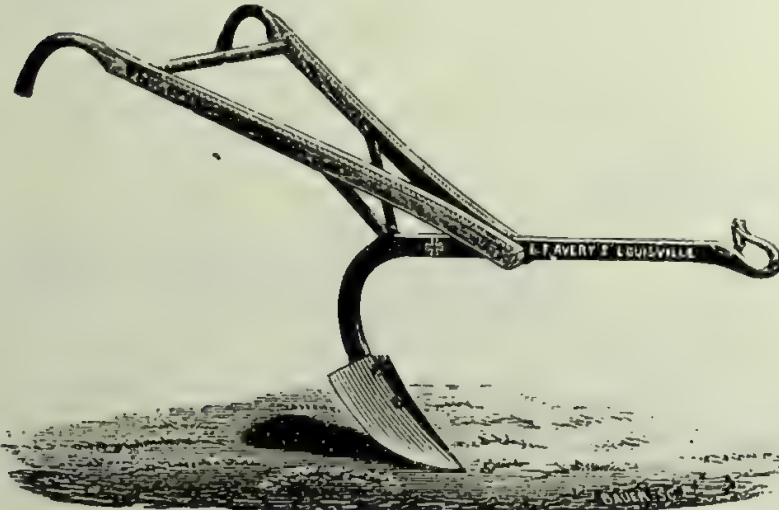
We will supply shovels of any size from 7 to 12 inches in width. Unless otherwise specified a 10 x 10 shovel will always be put on. Any Southern shape which has hole for heel bolt will fit this plow.

NAME
Single Shovel No. 1

WEIGHT
30

CODE WORD
Cabinet

AVERY'S "IRON BEAM" SINGLE SHOVEL PLOW.



An old reliable; all metal, except the handles; it is almost indestructible. Size shovels supplied as ordered: 8 x 12, 10 x 12, and 12 x 14, all with two bolts.

NAME
Single Shovel No. 2

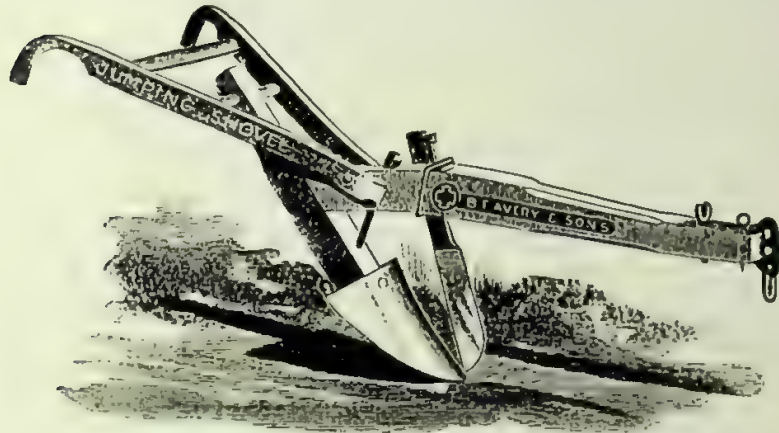
WEIGHT
34

CODE WORD
Cabman

TOBACCO AND POTATO BEDDER AND CULTIVATOR.

Send for special circular of our new patent Tobacco and Potato Bedder and Cultivator.

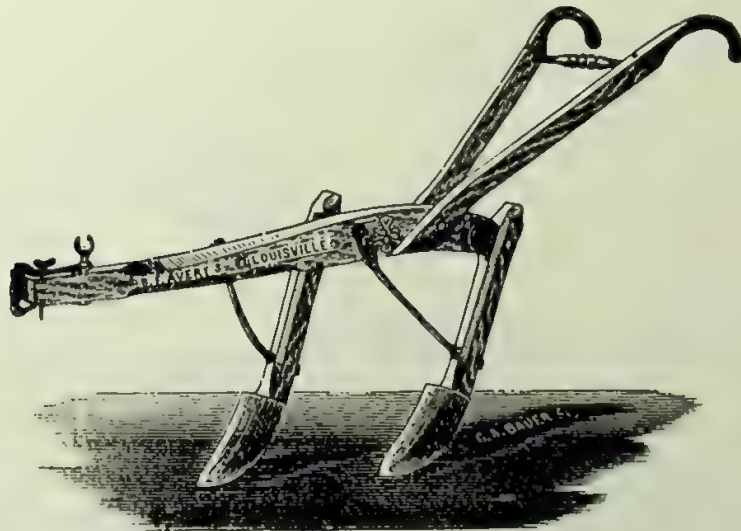
AVERY'S JUMPING SHOVEL PLOW.



Heavy throughout and thoroughly braced. Coulter included; blade attached by one heavy heel bolt.

NAME	SIZE OF SHOVEL	WEIGHT	CODE WORD
Jumping Shovel No. 6	9 x 12	44	Cackler
Jumping Shovel No. 7	12 x 14	53	Cactus

AVERY'S WOOD BEAM DOUBLE SHOVEL PLOW.

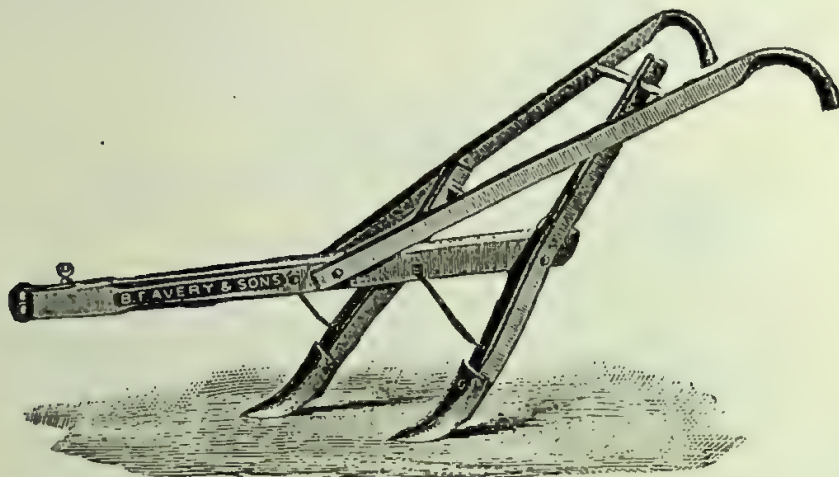


Above plow can be regulated by the brace rods so as to run deep or shallow, the standards turning easily on spools for that purpose.
One-hole blades are used on this plow.

NAME	WEIGHT	CODE WORD
Double Shovel No. 1	28	Cadaver

AVERY'S "UNIVERSAL" DOUBLE SHOVEL PLOW.

WOOD BEAM AND WOOD STANDARD.



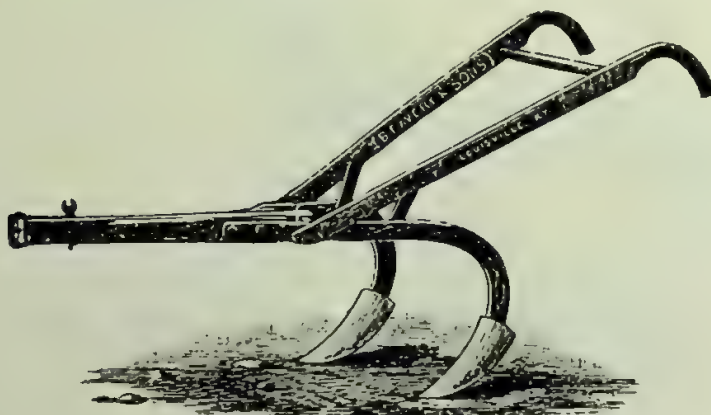
Well made in every part and strongly braced, as shown. Two-hole blades are used on this plow.

NAME
Universal Double Shovel No. 2

WEIGHT
32

CODE WORD
Calamity

AVERY'S "WOOD BEAM" IRON STANDARD DOUBLE SHOVEL PLOW.



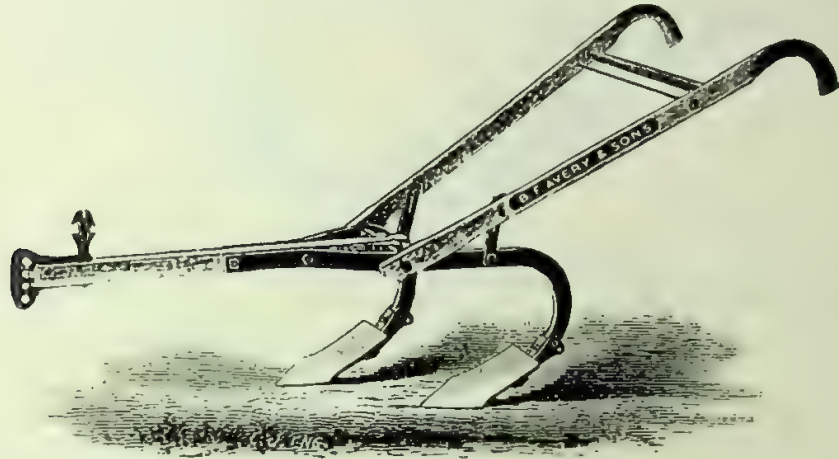
The standards are fastened to the beam with two bolts passing through iron wedges, which permit of plenty of adjustment for widening or narrowing the plow. Two-hole blades are used.

NAME
Double Shovel No. 3

WEIGHT
42

CODE WORD
Calamity

AVERY'S "BLACK LAND" WOOD BEAM, IRON STANDARD, DOUBLE SHOVEL PLOW.



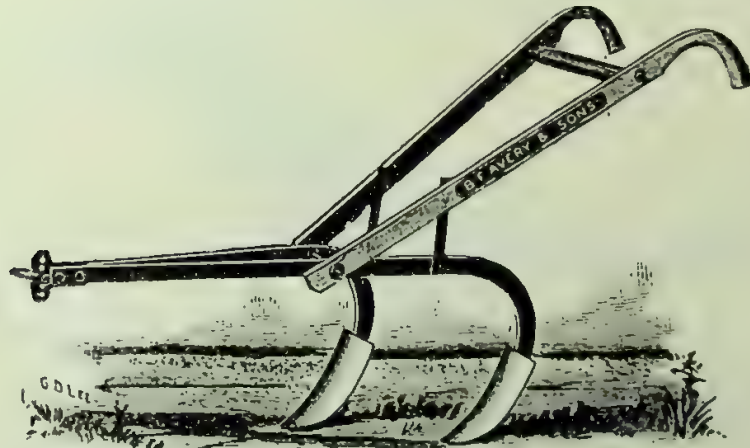
This double shovel plow has met fully the demands of the black, waxy lands of Texas and other Southern States. The break pin attachment and adjustable standards are points of superiority, giving variety of range in slant of foot.

Two-hole blades are used.

NAME	WEIGHT	CODE WORD
Double Shovel No. 4	52	Calculus

AVERY'S REGULAR IRON BEAM DOUBLE SHOVEL PLOW.

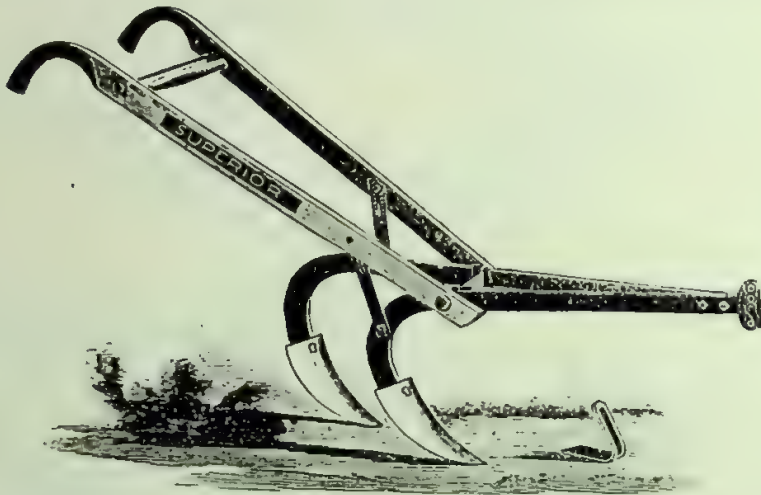
WITH FIVE-HOLE CLEVIS.



As will be seen by above cut, this plow has a five-hole shackle clevis. Two-hole blades are used.

NAME	WEIGHT	CODE WORD
Double Shovel No. 5	38	Caliber

AVERY'S "SUPERIOR" DOUBLE SHOVEL PLOW.

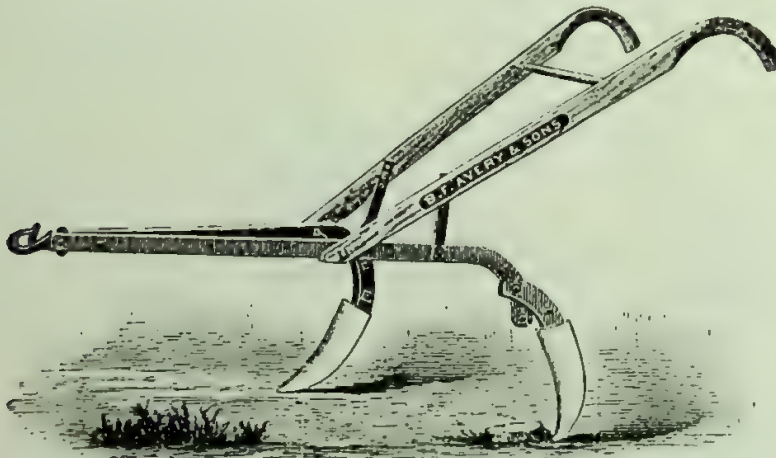


This Superior double shovel has all the improvements of clevis adjustment, malleable spreader wedges, and malleable handle braces; is made so that one-hole or two-hole blades can be attached to it. In every way a superior cultivator and of beautiful finish. Blades blued, beams red, handles varnished and red tipped. Standards or feet have two holes in each, and a foot at end; one-hole blades fitted on can be lowered to bottom hole as they wear down.

Our patent Heel Slide shown in above cut is a very valuable attachment. With it more even work can be done and the plow is much easier to handle. It can be attached to any of our iron beam double shovel plows.

NAME	WEIGHT	CODE WORD
Superior Double Shovel No. 6 Patent Heel Slide	11	Calico Caliph

AVERY'S "BREAK PIN" IRON BEAM DOUBLE SHOVEL PLOW.

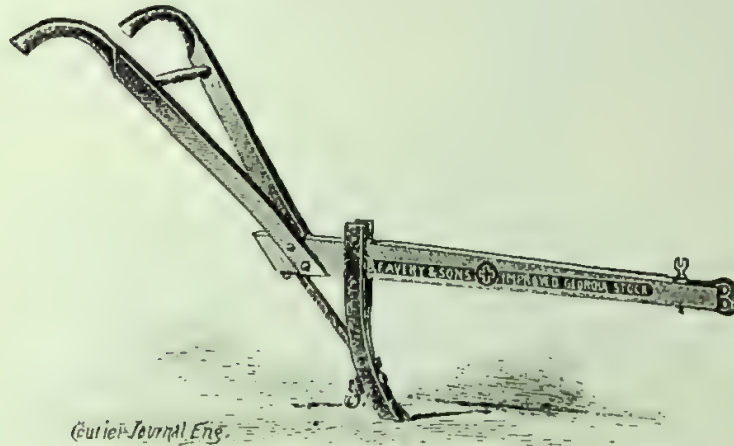


The above shows break pin attachment. It is unsurpassed for stumpy or rocky country; wood pin in standard will break when an obstruction is struck, saving the blade from breaking. The plow has an open or loop foot, so that any blade (with the addition of a heel bolt) can be attached. The regular two-hole double shovel blades go with the plow.

NAME	WEIGHT	CODE WORD
Double Shovel No. 7	41	Calumet

AVERY'S SINGLE GEORGIA PLOW STOCK.

WITH RATCHET.



Cutler-Journal Eng.

A single stock. Adjustable. Can be used with any kind or style of blade shown in our blade list. The standard moves on a pivot, which passes through it and the brace. Can be set at any angle by loosening the two bolts on the beam and moving forward or backward.

A heel bolt and T washer are furnished with each stock.

We make a special knife coultter, which is fastened under the beam with a clamp, for this stock. A splendid attachment for use in trashy land.

NAME	SIZE	WEIGHT	CODE WORD
Medium Single Stock No. 1	46 inch beam	20	Calvary
Heavy Single Stock No. 2	54 inch beam	25	Cambric
Heavy Texas Single Stock No. 3	54 inch beam	30	Camera
Georgia Stock Coultter			Canary

AVERY'S "STAPLER" GEORGIA STOCK.

WITH PATENTED MALLEABLE HANDLE CLIPS.

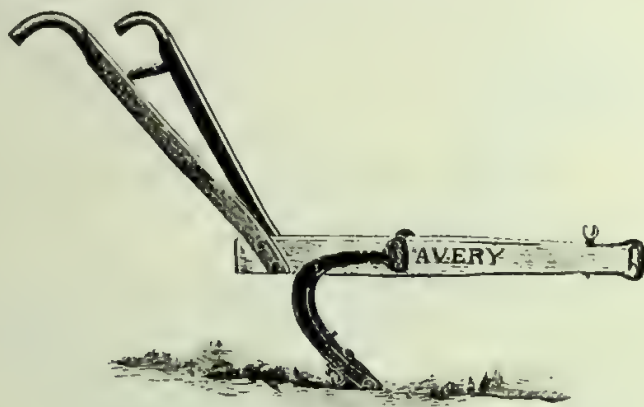


We are the exclusive makers of the above stock. The patent handle clips shown in cut above (made of malleable iron) are of inestimable value to the planter, and where they are in use the old complaint of split handles has ceased. The bolts through handles and beam can be screwed up right on the clips, which will keep the handles in their place as long as the implement lasts.

A heel bolt, ratchet, and T washer are furnished on each stock.

NAME	SIZE	WEIGHT	CODE WORD
Stapler Stock No. 4	40 inch beam	20	Cancer

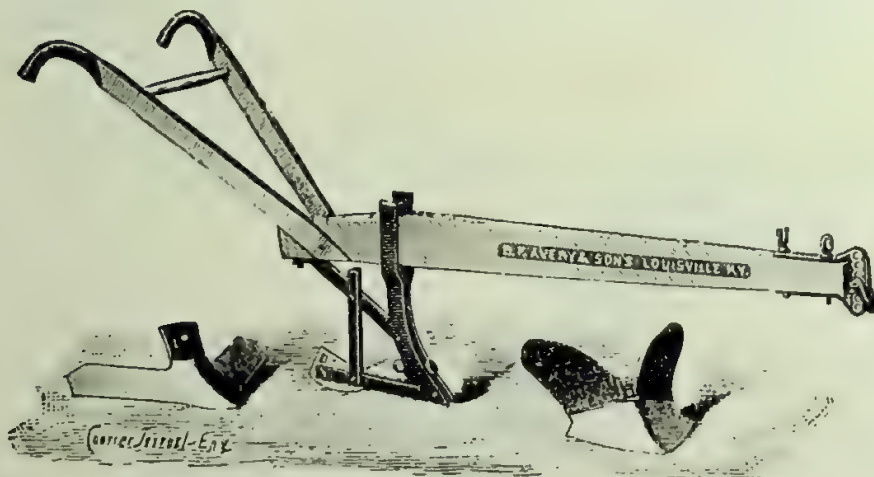
AVERY'S "UNIVERSAL" SINGLE PLOW STOCK.



Adjustable standard. Ampley strong. A heel bolt and T washer are furnished with each stock.

NAME	SIZE	WEIGHT	CODE WORD
Universal Single Stock No. 5	46 inch beam	22	Candidate

AVERY'S "LONE STAR" PLOW STOCK.



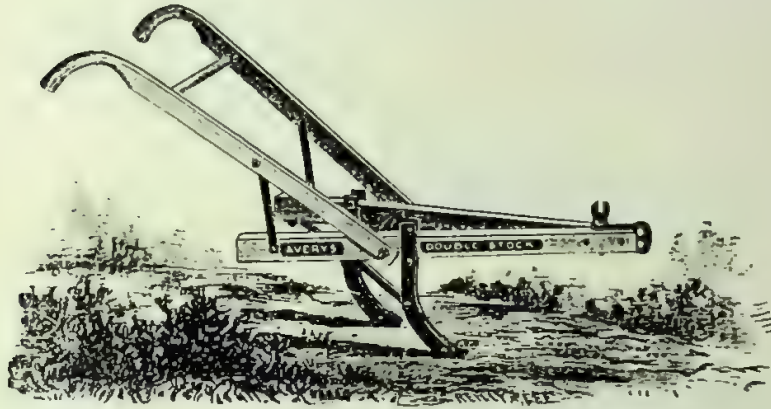
As will be noticed in the cut, the landside or center bars at the bottom follow in the wake of any sweep or blade used on this standard. Attached at the rear end of landside is a steel rudder. This may be lowered to any depth in the bottom of the furrow, making the sweep run steady. This slide may be adjusted up or down, giving the blade such pitch or suck as desired. Our double-wing or middle burster blade, made after the pattern of our double mold-board, may be attached, by means of a heel bolt, to the same foot, for bursting out "middles," old stalk rows, ditching, etc.; in fact, doing much the same work of a more costly plow of the same shape.

A heel bolt and T washer are furnished with each stock.

NAME	SIZE	WEIGHT	CODE WORD
Lone Star Stock No. 6	58-inch Beam	11	Cannibal
Burster Blade	13 inch	" "	Cannon
Sweep Blade	From 10 to 22 inch	" "	Canteen

AVERY'S DOUBLE GEORGIA PLOW STOCK.

WITH RATCHETS

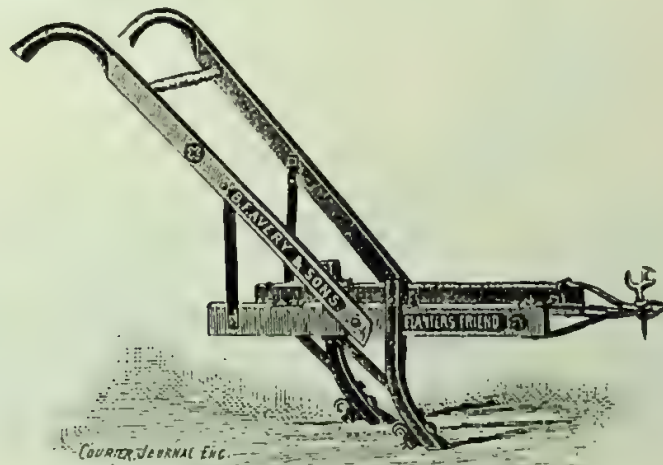


Has same adjustability and utility of single stock previously described, but with double the capacity. Also known as the "V" stock.

Heel bolts and T washer with each stock.

NAME	WEIGHT	CODE WORD
Double Stock No. 1	32	Caravan

THE "PLANTER'S FRIEND" DOUBLE STOCK.

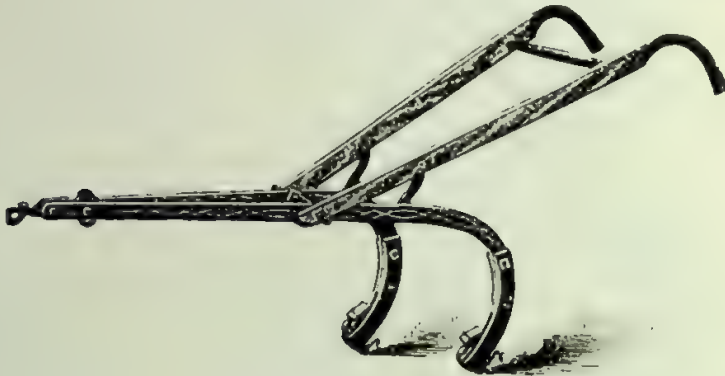


Above known also as the "parallel" beam double stock. Preferred to the "V" stock by some, but used for the same purposes with any kind of blade. Standards, with ratchet, adjustable, and distance between them may be widened or narrowed as desired.

Heel bolts and T washers with each stock.

NAME	WEIGHT	CODE WORD
Planter's Friend Double Stock No. 2	33	Caravan

AVERY'S "IRON FRAME" DOUBLE PLOW STOCK



Can be used as a double shovel plow. Any Southern shape blade can be used on above, fastened on with heel bolt, as shown in cut.
Heel bolts and T washers with each stock.

NAME	WEIGHT	CODE WORD
Iron Frame Double Stock No. 3	38	Carriage

AVERY'S IMPROVED GEORGIA PLOW STOCK. WITH ATTACHMENTS.



The above cut represents our regular Single Georgia Stock No. 1, but with shovel and coulter attached, and cast turning plow and miscellaneous blades near, which can be attached as desired.

The stock is sold with any desired extras. All attachments cost extra.

NAME	SIZE	WEIGHT	CODE WORD
Single Stock No. 1	14 inch beam	20	Culvary
Cast Turn Plow Attachment	7 inch cut	15	Carmvet
Coulter Attachment		5	Cannary

For sizes, weights, and code words of blades, see special blade catalogue.

AVERY'S COMBINATION SCRAPER AND SWEEP.

WITH ATTACHMENTS.



A most excellent, desirable, and cheap all-round plow and cultivator. With one stock and standard you can change the blade in a moment for any sort of work. The steel plow attachment is a good bedder; the scraper is excellent for general work; the sweep blade will sweep out the middles very nicely; the gauge wheel on the rear end of standards guides the plow so that it is easily handled. Besides being a useful plow on a farm, it is superior for all gardening and truck farming.

NAME	WEIGHT	CODE WORD
Combination Stock, complete with all Attachments, No. 1	74	Carriou
Combination Stock, with Scraper Blade only, No. 2	42	Cartoon
Combination Stock, with Sweep Blade only, No. 3	42	Cascade
Combination Stock and Standard, with no Attachments, No. 4	32	Cashier
Steel Plow Attachment		Casino
Cast Scraper Tongue		Casack
Cast Sweep Tongue		Caturact

For sizes, weights, and code words of blades, see special blade catalogue.

AVERY'S "MITCHELL" COTTON SCRAPER.

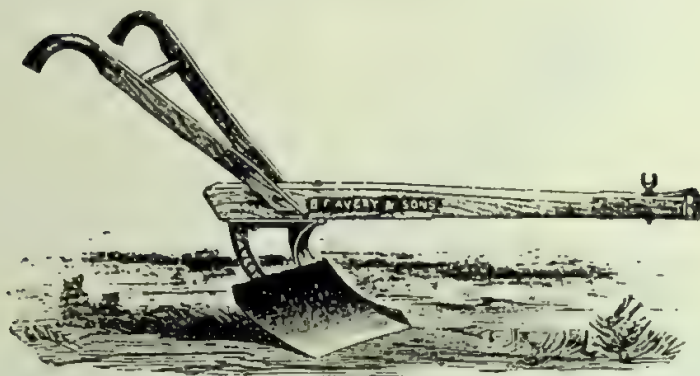


A cotton scraper having strong advocates in some sections of the country, and holding its sway in favor with the planter.

NAME	WEIGHT	CODE WORD
Mitchell Scraper No. 5	47	Cavalry

AVERY'S STEEL COTTON SCRAPER.

WITH PLAIN STANDARD



The above scraper has given perfect satisfaction for a number of years. Our improved blade can be used, and is sent when specially ordered.

NAME	WEIGHT	CODE WORD
Plain Scraper with Blade, No. 6	40	Celebrity
Plain Scraper less Blade, No. 7	30	Cemetery

AVERY'S "STEEL" COTTON SWEEP.

PLAIN STANDARD

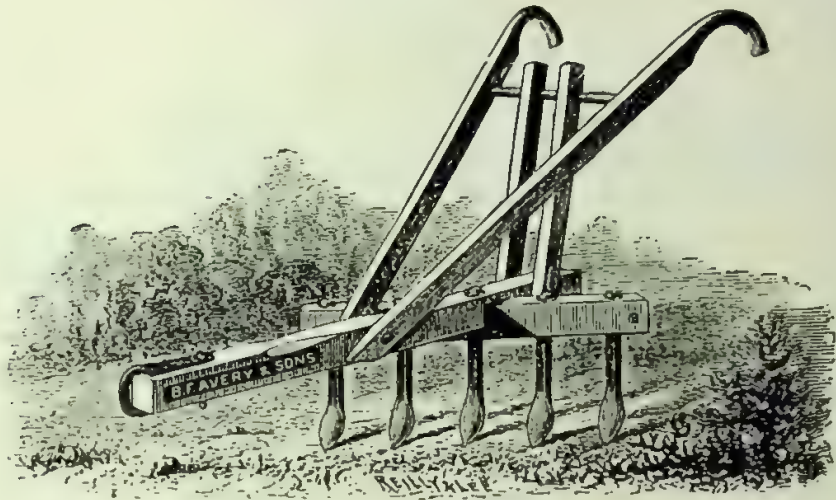


This sweep is perfectly made with well-polished blade. We make all sizes and kinds of sweeps, but invariably send 18 inch when size is not specified.

NAME	WEIGHT	CODE WORD
Plain Sweep with Blade, No. 8	35	Censor
Plain Sweep less Blade, No. 9	30	Centipod

AVERY'S "SIDE HARROW."

WITH PLAIN OR DUCK-FOOT TEETH.



A very popular and useful implement. Bolted teeth 1 inch square. Made plain or duck feet. Above shows plain feet; clevis wrought iron; wrought iron brace from beam to cross-bar.

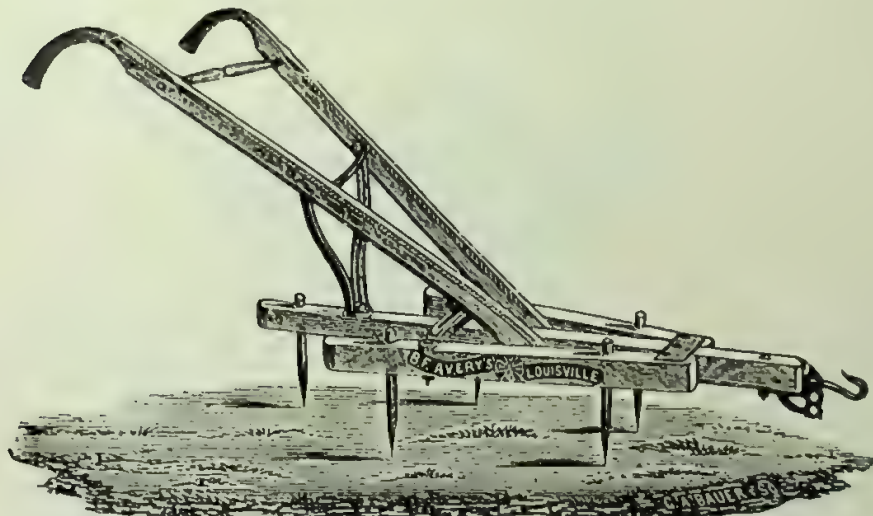
NAME
Plain Tooth Side Harrow
Duck Tooth Side Harrow

WEIGHT
42
42

CODE WORD
Chnos
Charade

AVERY'S FIVE OR SEVEN-TOOTH "EXPANDING" HARROW.

WOOD FRAME.



This is a good general-purpose harrow. Teeth $\frac{3}{4}$ inch square.

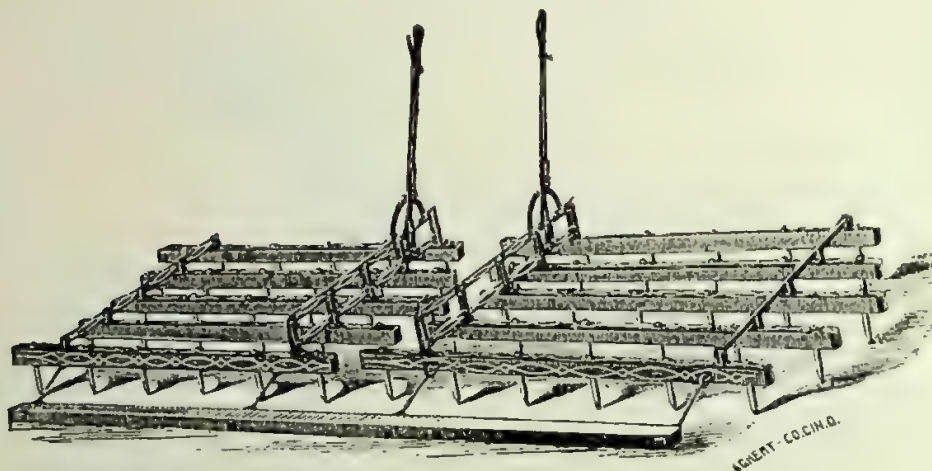
NAME
Five Tooth Expanding Harrow
Seven Tooth Expanding Harrow

WEIGHT
44
57

CODE WORD
Charlot
Charity

AVERY'S SIXTY-TOOTH LEVER HARROW.

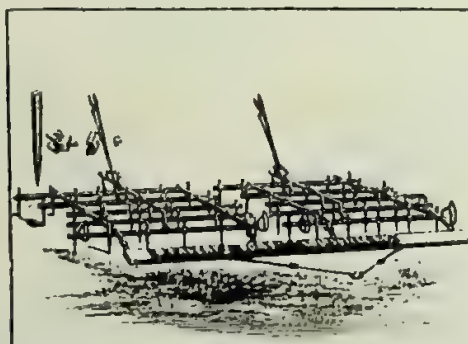
WOOD FRAME.



Diamond shaped teeth, bolted and riveted in the bars. All castings are malleable. Strong and durable throughout.

NAME	WEIGHT	CODE WORD
Sixty Tooth Wood Frame Lever Harrow	205	Cherubim

AVERY'S STEEL U-BAR HARROW.



The model steel frame, steel-tooth harrows, strongest and most durable. The bars are made of U-bent steel and the teeth are held in position by a small malleable, as shown above. While only shown in cut a two-section harrow, we make this harrow in three and four sections of sixty, ninety, and one hundred and twenty teeth, and by a simple movement of the levers the harrow can be thrown to any angle desired.

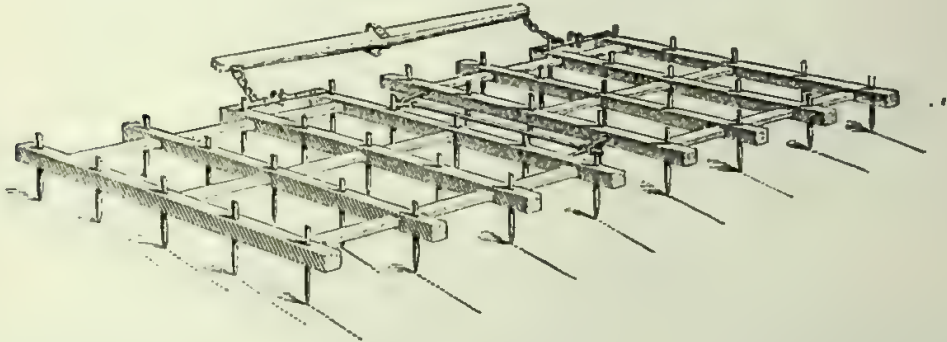
CODE WORD—CHEVALIER.

LIST.

Two sections "U" Bar Lever Harrow, 60 teeth; cuts 10 feet, weighs 240 pounds.
 Three sections "U" Bar Lever Harrow, 90 teeth; cuts 15 feet, weighs 360 pounds.
 Four sections "U" Bar Lever Harrow, 120 teeth; cuts 20 feet, weighs 480 pounds.

AVERY'S FORTY-TOOTH "SCOTCH" HARROW.

WOOD FRAME.

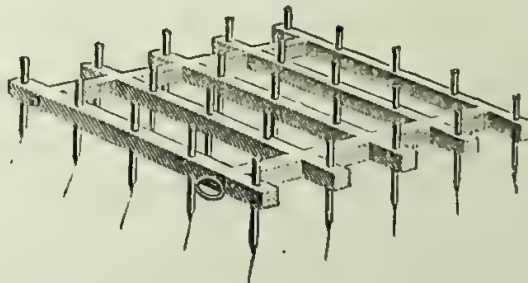


One of our old reliable harrows. Made of best seasoned white oak. Mortised and strongly braced. $\frac{1}{2}$ x 10 square teeth.

NAME	WEIGHT	CODE WORD
Avery's Forty-Tooth "Scotch" Harrow	140	Chestnut

AVERY'S TWENTY-FIVE-TOOTH "COMMON SENSE" HARROW.

WOOD FRAME.

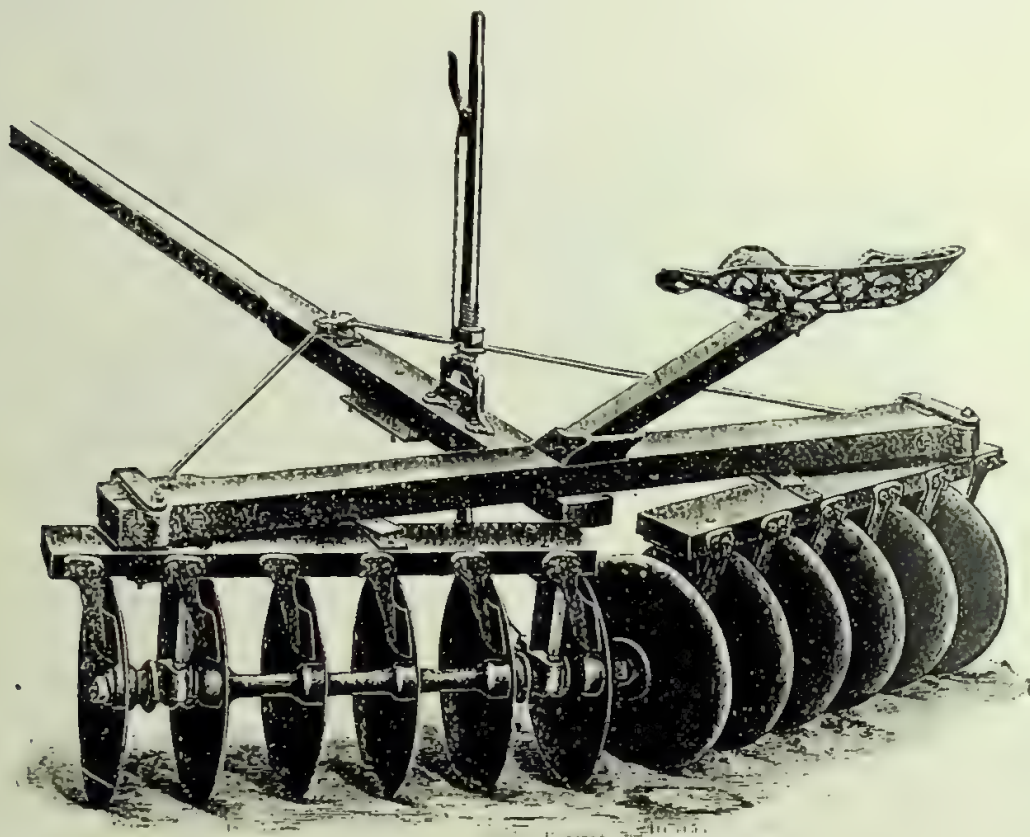


This harrow is made very strong, is $\frac{1}{2}$ x 12 "headed" steel teeth. The five parallel oak bars are held rigid by two strong iron bars running through oak braces. Hitch to the ring on either corner, which draws the harrow so that no tooth follows the track of the other, thoroughly harrowing the ground passed over. By changing the hitch from one corner to the other you always have sharp teeth on line of draft.

NAME	WEIGHT	CODE WORD
Avery's Twenty-Five-Tooth "Common Sense" Harrow	97	Chieftain

AVERY'S "CYCLONE" DISC HARROW.

WOOD FRAME.



UNEXCELLED, STRONG AND DURABLE.

A most complete and perfect working harrow. Unexcelled in reliability and effectiveness. It is simple in construction, and any farmer can put it together without assistance in a few minutes.

THE NEW PATENTED HINGE allows great flexibility and free action vertically and horizontally.

THE TONGUE has adjustable brace rods, and the seat standard is attached to it so there is no weight on the horses' necks.

THE SCRAPERS are individual, one to each disc, and are operated by a foot-lever as shown in cut.

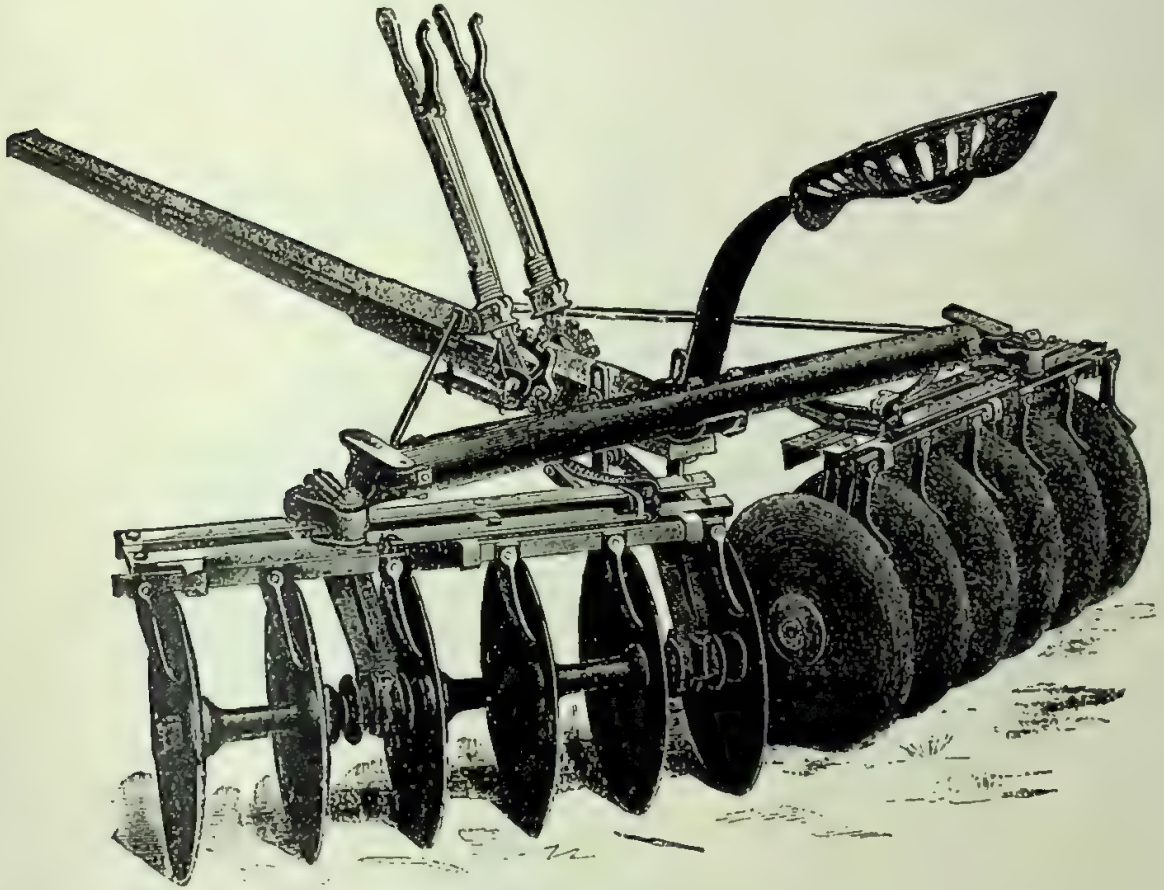
If you want to crush your clods, cut up the sod ground, or prepare any kind of soil to receive the seed, you can not buy so good a machine for this purpose as the CYCLONE HARROW.

All harrows furnished with seed-sowing attachment when desired.

NAME	WEIGHT	COD. NO.
No. 0-4 foot cut, eight 16 inch Discs, with Tree and Neck yoke	300	Chignon
No. 1-6 foot cut, twelve 16 inch Discs, with Trees and Neck yoke	300	Chimney
No. 5-8 foot cut, twelve 20 inch Discs, with Trees and Neck yoke	400	Chivairy
Seeders, extra	100	Chopstick
Weight boxes, extra, per pair	15	Chowder
Tripletrees (can be used also as Doubletrees and Neck yokes)	25	Chump
Doubletrees and Neck yokes, extra	20	Ciscrone

AVERY'S "DANDY" DISC HARROW.

STEEL FRAME.



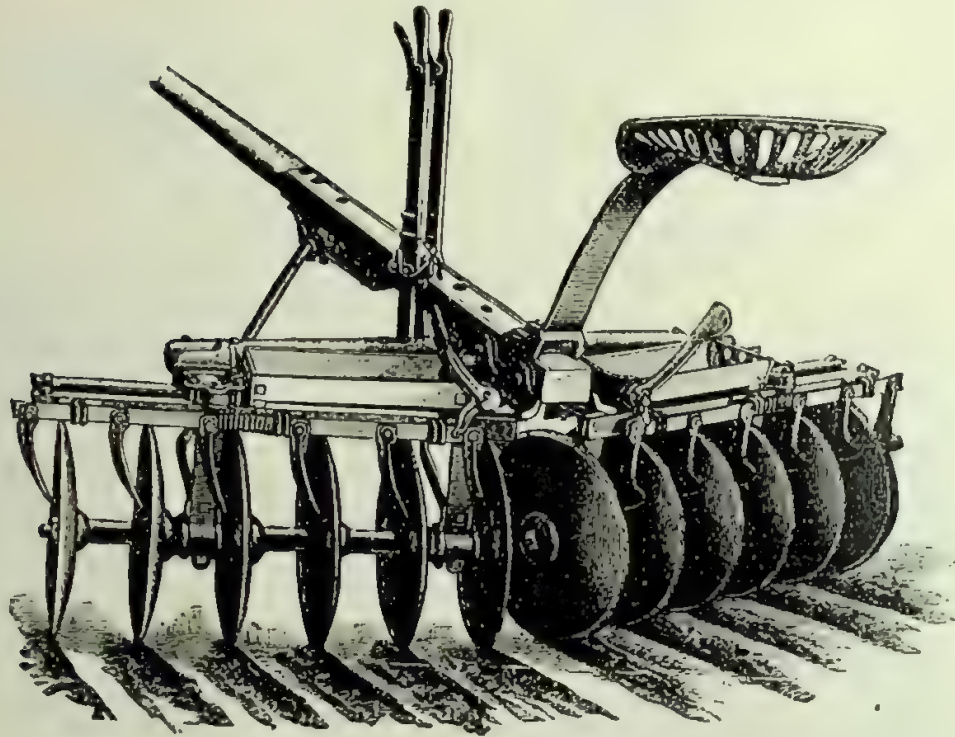
UNEXCELLED IN STRENGTH AND DURABILITY.

Our steel frame DANDY Disc Harrow is every thing its name implies, being the neatest, simplest in construction, THE LIGHTEST RUNNING, and at the same time the STRONGEST and most DURABLE harrow made. It will last longer than our Cyclone wood-frame harrow. While almost any disc harrow will do good work, only the best will stand the test at all times and in all conditions of soil. We guarantee the DANDY to do any work possible for a disc harrow to do, and DO IT WELL. Our DANDY has the most perfect gang scrapers made. To give additional strength, all 20-inch discs have heavy brace rods, drawing from the lower part of the stands instead of the top.

NAME	WEIGHT	CODE WORD
No. 0- 5 foot cut, eight 16 inch Discs, with Trees and Neckyoke	380	Climeter
No. 1-6 foot cut, twelve 16 inch Discs, with Trees and Neckyoke	436	Circus
No. 5-6 foot cut, twelve 20 inch Discs, with Trees and Neckyoke	550	Citadel
Seeders, extra	100	Civillan
Weight boxes, extra, per pair	15	Clalmant
Tripletrees (can be used also as Doubletrees and Neckyoke)	25	Clansman
Doubletrees and Neckyoke, extra, per set	20	Clavinet

EVERY'S "SAFETY" DISC HARROW.

STEEL FRAME.



It is a fact that the merits of this harrow suggested its own name, THE SAFETY. By reason of the simple manner in which it is constructed, the few parts there are to break or wear out, and the ease with which it is operated, it is a SAFE HARROW for the manufacturer to make, and a SAFE HARROW for the dealer to handle, and a SAFE HARROW for the farmer to buy. It is *first class* in every respect, and has all the most modern improvements, being made all of steel and iron except the pole. Owing to its flexibility it has a lighter draft than the ordinary harrow, and less weight on the horses' necks than any other harrow of this style that is made. A look will show its superior first-class construction, and a trial will prove all else we claim for it.

NAME.	WEIGHT.	CODE WORD.
No. 0—5 foot cut, ten 16 inch Discs, with Trees and Neckyoke	380	Cleaver
No. 1—6 foot cut, twelve 16 inch Discs, with Trees and Neckyoke	436	Clergy
No. 5—6 foot cut, twelve 20 inch Discs, with Trees and Neckyoke	550	Climate
Seeders, extra	100	Clique
Weight boxes, extra, per pair	15	Clodhopper
Tripletrees (can be used as Doubletrees and Neckyoke) per set	25	Cloister
Doubletrees and Neckyokes	20	Clown

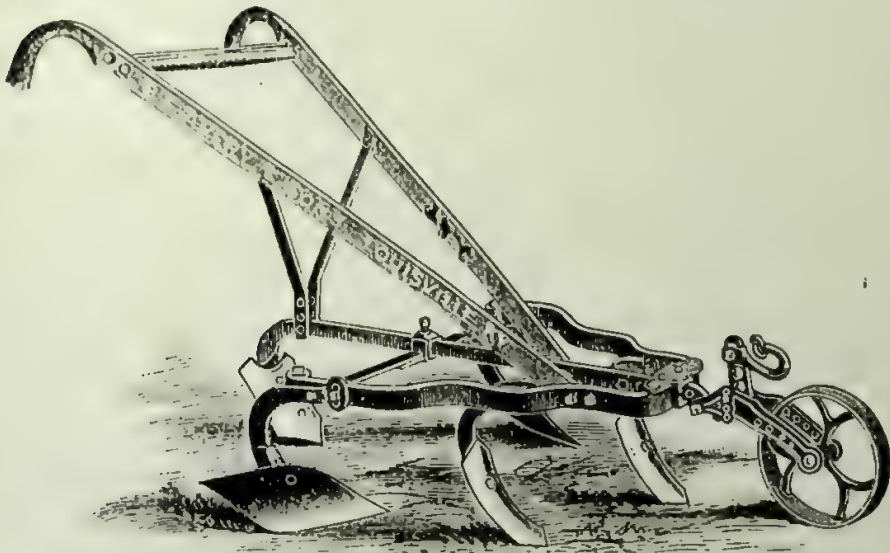
"TRUCKER'S" STEEL FRAME CULTIVATOR.

FIVE-FOOTH, WITH EXPANDING BEAMS AND ADJUSTABLE STANDARDS



This Cultivator is a superior tool for truck patch, farm, or plantation. It is a model of strength, simplicity, and variety of adaptability by expansion or use of extra blades. The frame is made of steel.

Blades are reversible, and their pitch can be easily regulated. We do not send gauge wheels except when ordered; then extra. We furnish side braces for handles, when desired, at a small extra cost. Also various extra blades (see opposite page).



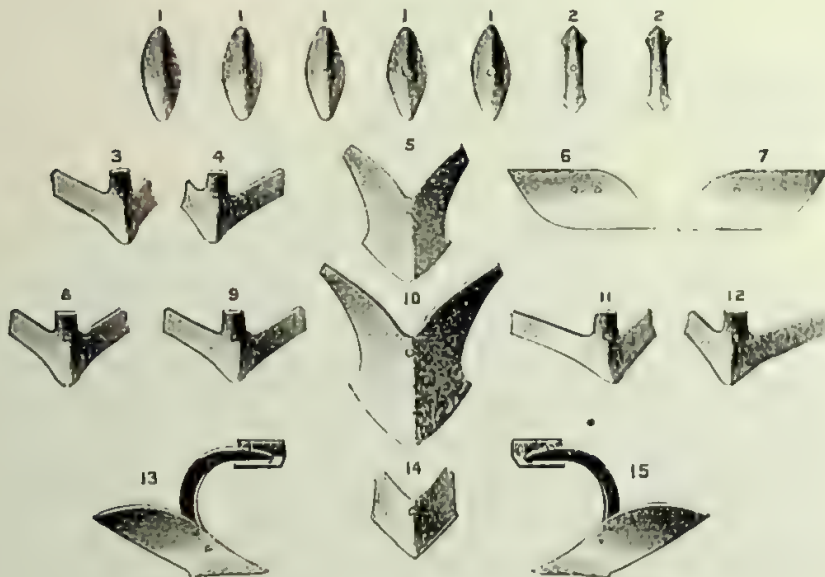
SHOWING HORSE HOE OR SCRAPER ATTACHMENTS AND GAUGE WHEELS.

See list of extra blades used on these cultivators on following page.

NAME	WEIGHT	CODE WORD
Trucker's Cultivator	50	Cobbler

We also supply Trucker's Cultivator with an expanding lever arm, which costs extra; same being a special construction.

EXTRA BLADES FOR TRUCKER'S CULTIVATOR.

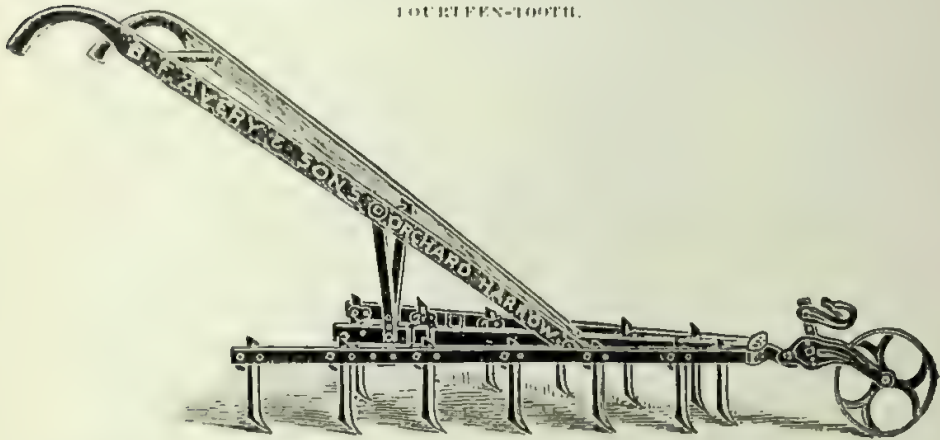


Order the above blades by number opposite each size

NUMBER AND NAME		WEIGHT	CODE WORD
No. 1.	Shovel Blade, polished, with one bolt, each	1	Cobweb
No. 2.	Shovel Blade, polished, with one bolt, each	2	Cockade
No. 3-4.	Small Half Dixon Blades, with bolt, right and left, per pair	3	Cockatoo
No. 5.	Small Burster Blade, with bolt, each	1 1/2	Cockney
No. 6-7.	Scraper Blades, polished, with casting and bolts, right and left, per pair	3	Cockpit
No. 8.	Small Dixon Blade, with bolt, each	1 1/2	Cockroach
No. 9.	Large Dixon Blade, with bolt, each	2	Codfish
No. 10.	Large Burster Blade, with bolt, each	3	Codfil
No. 11-12.	Large Half Dixon Blades, with bolt, right and left, per pair	3	Codling
No. 13-15.	Hilling Shovel Blades, polished, with standard, plates, and bolts, right and left, per pair	6	Cognomen
No. 14.	Diamond Point Rear Center Shovel Blade, with bolt, each	1 1/2	Cohesion
Gauge Wheels (see lower cut preceding page), each		4	Coinage

ORCHARD HARROW CULTIVATOR.

FOURTEEN-TOOTH.



A light, handy, and useful tool; used to great advantage in harrowing or cultivating small fruits or plants where it is desirable to only pulverize the soil without hilling it or turning it over. It has fourteen $\frac{5}{8} \times \frac{7}{8}$ reversible diamond teeth, with cutting edge on one end and beveled on the other, which can be set at any angle by simply moving the malleable fastening. We can supply outside braces for handles, if desired. A superior cleaner or grass exterminator in orchards, etc.

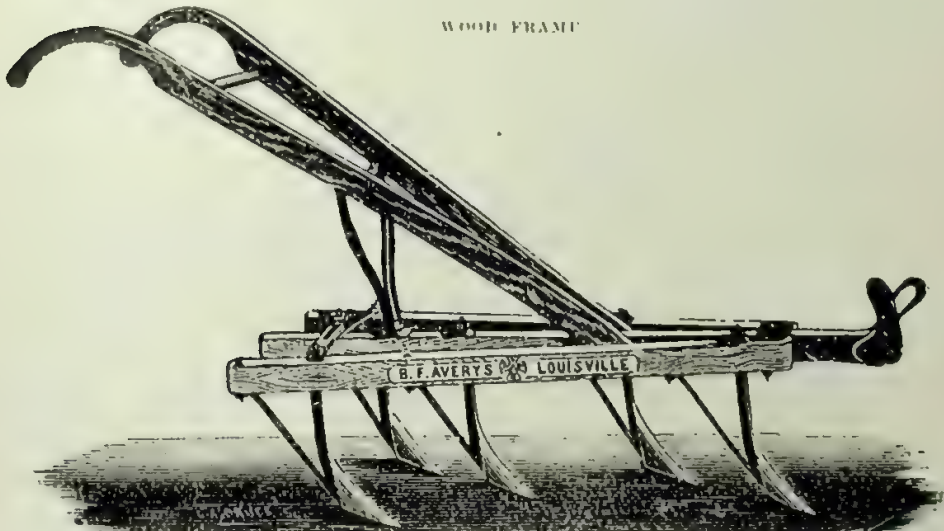
NAME
Orchard Cultivator

WEIGHT
50

CODE WORD
College

AVERY'S FIVE OR SEVEN-TOOTH EXPANDING CULTIVATOR.

WOOD FRAME



We make this cultivator with wrought standard and diamond-shaped reversible steel blades. It is constructed very light but strong. It can be readily converted into a harrow by removing the steel blades. Can be expanded to suit the rows. We make two sizes, five and seven-tooth.

NAME
Five-Tooth Expanding Cultivator
Seven-Tooth Expanding Cultivator

WEIGHT
41
57

CODE WORD
Colonel
Colonnade

AVERY'S "FARMER'S DELIGHT" CULTIVATOR.

PATENTED.



This is one of the most perfect and complete light cultivators ever invented on account of its many adjustments, adapting it to almost any kind of cultivation. It is a one-horse cultivator for any and all kinds of crops planted in rows. This cultivator can be converted into six distinct implements by the help of the four braces which go with it, making an "A"-shaped, "V"-shaped cultivator, right or left hand side harrow, a four-tooth harrow, for straddling row, and a square cultivator.

NAME:

Avery's Farmer's Delight Cultivator, complete as above cut.

WEIGHT

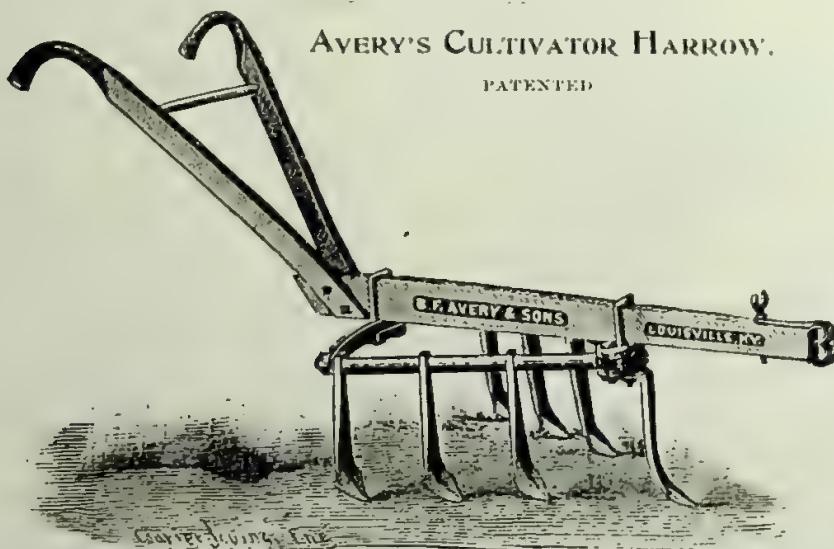
48

CODE WORD

Columbine

AVERY'S CULTIVATOR HARROW.

PATENTED



The farmers of the South have long felt the necessity of a cultivating harrow, the center tooth of which could be removed to allow the cultivator to straddle the growing crop, either of corn or cotton, while young. When the crop becomes too high to straddle, then work the row out at a "through" by means of the spread bars that make it adjustable to any width of row. Then the center tooth can be secured by a bolt, either in front or at center of spreader bars in the rear, where it acts as a perfect rudder, steadying the work of this cultivator over all others. It thoroughly pulverizes and flattens the beds, and the rear center rudder tooth opens a furrow for your planter wheel to travel in. You can remove any tooth and set it in almost any position you like. Our great claim for this cultivator harrow is the staunch and simple way it is constructed and the many changes that can be made in it. The team or handles of any single Georgia stock will fit this harrow frame.

NAME

Avery's Cultivator Harrow

WEIGHT

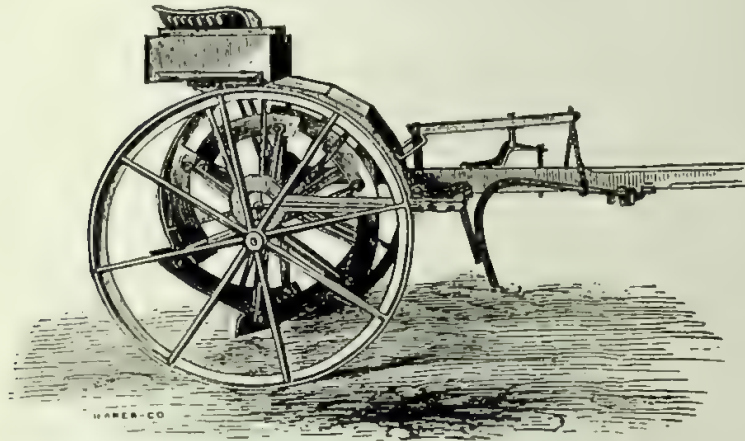
50

CODE WORD

Combatant

EVERY'S "SPIRAL KNIFE" STALK CUTTER.

FOR CORN AND COTTON STALKS.



Above is cut of our single row cutter. We also make a double row cutter which cuts two rows of stalks at a time. With a single row machine one man with two horses will cut ten or twelve acres a day. With a double row machine a man with three horses will cut twenty or twenty-five acres a day.

The advantages we claim in favor of these implements are:

1st. The knives, being spiral, cut diagonally across the row, and cut beveling, as one would cut a stick with a knife.


2d. The machine is light and near the team, consequently must be light draft; rolls readily from one knife to the other, causing no jolt to the driver or jerk upon the horse's neck or shoulder.

3d. The depth of cutting is adjusted by levers, and in cutting damp and heavy stalks the weight of the machine and driver, together with extra weight placed in box, insures complete work.

4th. It consists of a single frame and cylinder, mounted on wheels, and a covering which completely protects the driver from any danger of the knives and dirt and stalks.

5th. As a pulverizer there is no tool made that can compare with it. The spiral arrangement of the knives, the weight of the machine and driver, together with weight which may be placed in the box to force the knives into the ground to any desired depth, will tear up the soil and split up the stalk hills and roots, as no straight knife cutter can do.

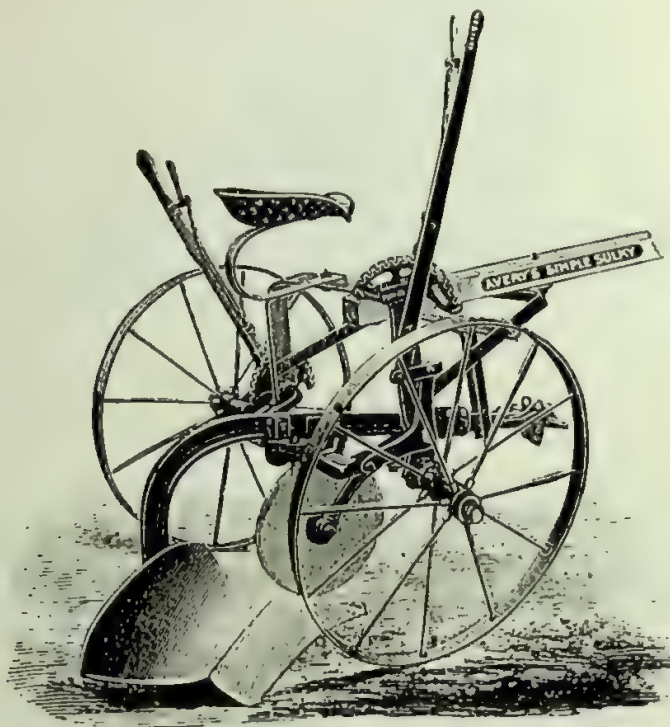
NAME	WEIGHT	CODE WORD
Stalk Cutter, Single Row	425	Congestlon
Stalk Cutter, Double Row	650	Congress

 Trees and neckyokes not furnished with above except when ordered—then extra.

 Read also what we say about the Simple Sulky Stalk Cutter on page 25.

AVERY'S SIMPLE SULKY.

Avery's Simple Sulky was selected by the U. S. Patent Office authorities for exhibition at World's Fair among the pre-eminently valuable sulky plow inventions.



ABOVE CUT SHOWS AVERY'S SIMPLE SULKY PLOW COMPLETE.

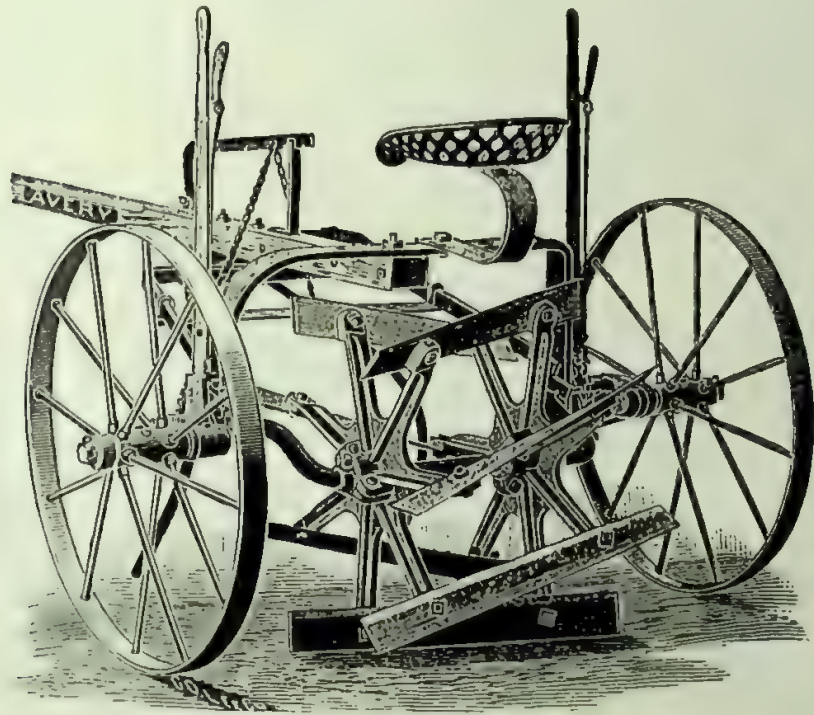
For description of Simple Sulky see page 26. We furnish with each Simple Sulky complete, steel neckyoke, steel tripple trees, rolling coulter, weed hook, extra point, wrench, and oil can.

For general purposes and ordinary stubble plowing we make the Clipper and New Clipper bottoms. For black or sticky lands we make the Black Prince, also Texas bottoms.

NAME	CUT	WEIGHT	CODE WORD
Simple Sulky, complete with Clipper Bottoms	10 inch	160	Blondish
Simple Sulky, complete with Clipper Bottoms	12 inch	185	Blight
Simple Sulky, complete with Clipper Bottoms	14 inch	190	Blister
Simple Sulky, complete with Black Prince Bottoms	8 inch	150	Blockhead
Simple Sulky, complete with Black Prince Bottoms	10 inch	160	Blonde
Simple Sulky, complete with Black Prince Bottoms	12 inch	185	Blossom
Simple Sulky, complete with Black Prince Bottoms	14 inch	190	Bludgeon
Simple Sulky, complete with Black Prince Bottoms	16 inch	500	Bluster

AVERY'S SIMPLE SULKY STALK CUTTER.

SIMPLE SULKY CARRIAGE, PLOW DETACHED, AND STALK CUTTER
ATTACHED—PATENTED.



Above is Avery's Simple Sulky Stalk Cutter complete, being, namely, the plow detached and stalk cutter attached to Avery's Simple Sulky Carriage or frame. Weight, as shown above, 500 pounds. These stalk cutter blades are spiral knives as well as double edged and reversible, giving thus perfect work and long life to the machine. When the carriage is not in use with the stalk cutter attachment, our Simple Sulky plow bottom or any walking plow, wood or steel beam, can be bolted on in its stead, making a perfect sulky plow. See also page 26 for description of Simple Sulky Plow, carriage, etc.

EVERY'S SIMPLE SULKY.

Note Carefully: All Sulkies Leave the Factory as STRAIGHT WHEEL SULKY PLOWS.

OLD SULKIES.—Heretofore the great trouble with sulky plows has been their complicated construction. A mechanic was required to operate them with any degree of success. The levers, springs, and intricate devices were a perpetual annoyance to the farmer. Something was forever out of order, and trouble followed.

A REVOLUTION—FEATURES OF AVERY'S SIMPLE SULKY.—The name describes our plow. This sulky is made for practical farmers, not machinists. It is the simplest sulky in the world. No gearing, cogs or cranks, nothing to get out of order. Neat in appearance, light but abundantly strong.

No Castings that will break. The plow is substantially all wrought iron and steel throughout. No repairing necessary except the wearing parts from actual long usage.

EXCLUSIVE FEATURES.

STRAIGHT OR CANT WHEEL.—The only sulky which can be used *either as a straight or cant wheel*, and to which can be attached any *Walking Plow* of any manufacture, either wood or steel beam.

STALK CUTTER ATTACHMENT.—As shown on preceding page, any one having one of our Simple Sulky Carriages, can, at a small additional cost, have a perfect stalk cutter. See preceding page for details.

MIDDLE BURSTING.—In bursting out middles with the double mold-board or burster blade, it is a great labor-saving implement, as it does the work of several walking plows and with less labor on the team and plowman, and with better results.

WITH ROD BRAKER BOTTOM.—For shaving off virgin sod with rod breaker bottom it is necessary to use the cant wheel to insure perfect satisfaction.

TURNS A SQUARE CORNER.—Avery Simple Sulky will turn a square corner with the plow in the ground.

LIGHT DRAFT.—Careful dynamometer tests prove that Avery's Simple Sulky is, because of its simple construction and perfect shape, the lightest running sulky plow in the field known to the trade.

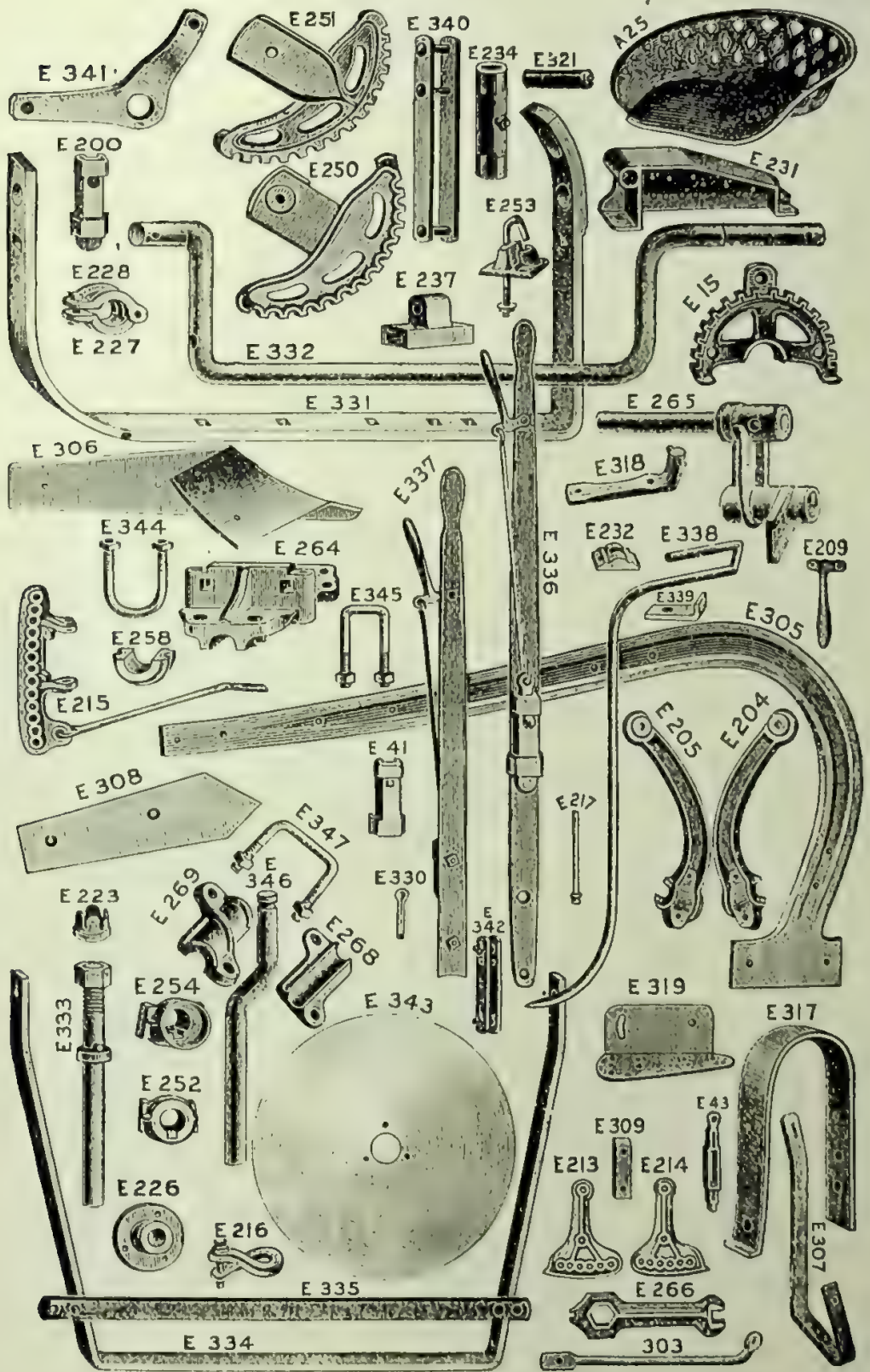
WE HAVE SOLVED THE SULKY PLOW PROBLEM

As to the principles, construction and materials--all are of the best. We challenge the closest scrutiny of our work. Order through your dealer.

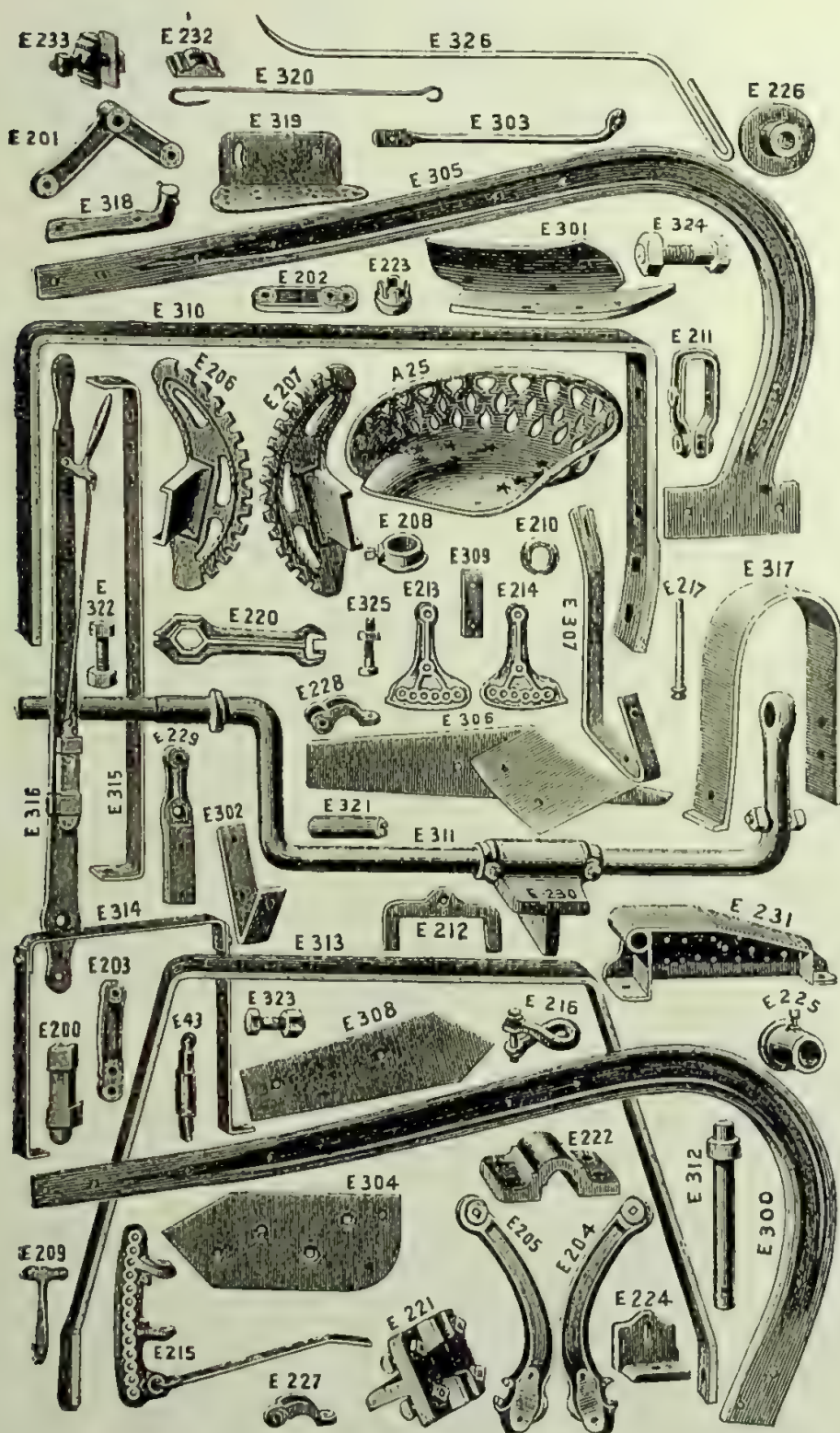
PLOW BOTTOMS.—For general purpose and ordinary stubble plowing, we make the "Clipper Bottoms," 10 inch, 12 inch, 14 inch, and 16 inch. For black or sticky lands we make the "Black Prince" bottoms, 8 inch, 10 inch, 12 inch, 14 inch, and 16 inch. Also Texas bottoms, 10 inch, 12 inch, and 14 inch. In ordering be sure and state whether you wish "Clipper," "New Clipper," "Black Prince" or "Texas" bottoms.

SPECIAL NOTE.—In ordering repairs for "Black Prince" bottoms for the Simple Sulky, carefully examine the plow and parts to see whether letter X follows the distinguishing letter; namely, whether B or BX repair is wanted. Be very careful to so specify when ordering repairs. The old series were lettered A, B, C, etc., the new series beginning AX, BX, etc. The "Clipper" bottoms are marked "10 inch Clipper," "12 inch Clipper," and "14 inch Clipper." The "New Clipper" bottoms are marked "New Clipper, 10 inch," "New Clipper, 12 inch," "New Clipper, 14 inch," and "New Clipper, 16 inch." In ordering repairs also be particular to state the exact lettering, also inch cut, as found stamped in the irons of the corresponding part of your plow.

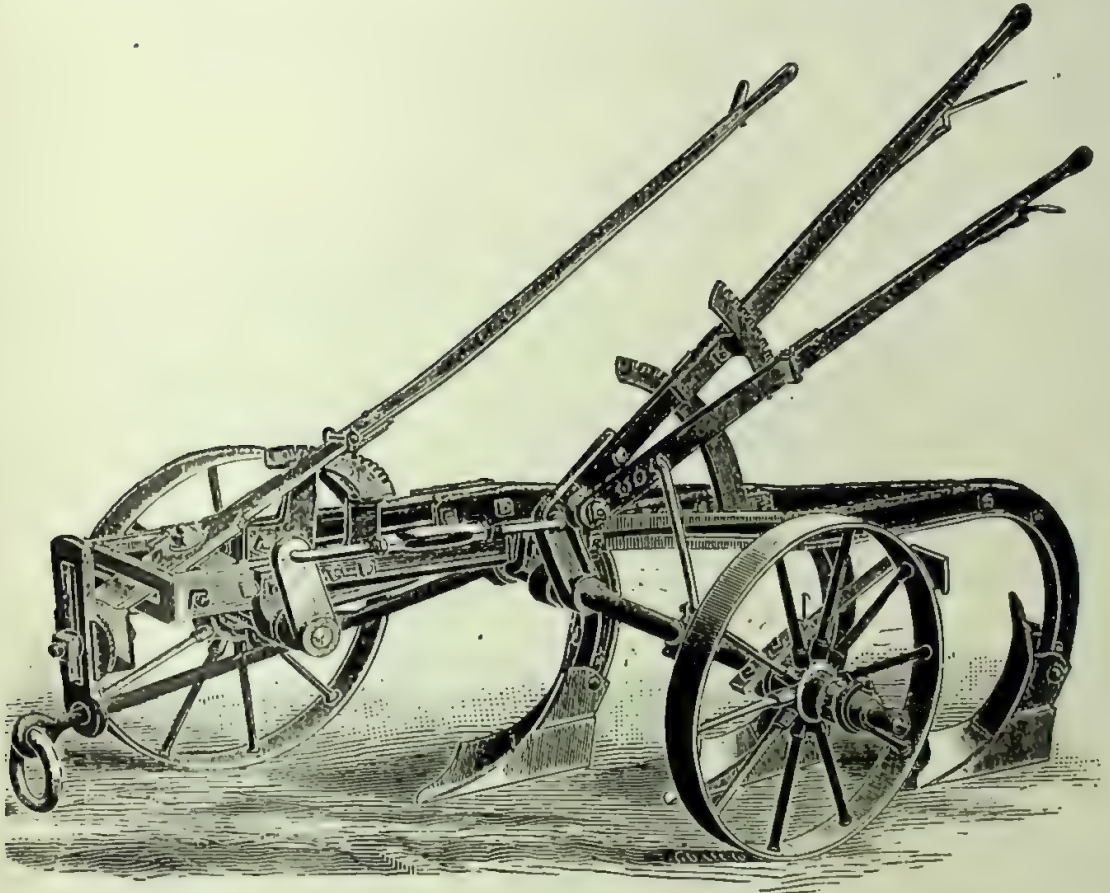
ILLUSTRATED LIST OF EXTRAS FOR AVERY'S SIMPLE SULKY PLOWS.



ILLUSTRATIONS OF EXTRAS (NUMBERED) OF OLD STYLE BLUE GRASS SULKY PLOW.



AVERY'S NAPOLEON GANG PLOWS.



This cut shows plow without rear wheel, without seat attachment, and without rolling coulters.

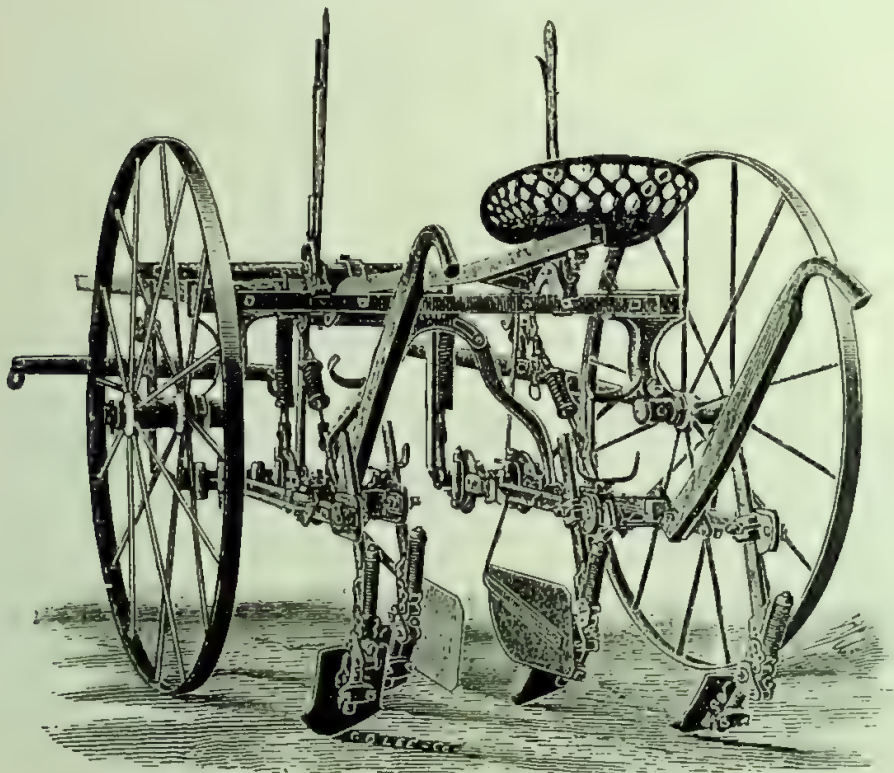
BB Made with or without third (or rear) wheel; and with or without seat attachment; also with or without rolling coulters.

Avery's Napoleon Gang Plows are the result of long and careful expert work with plows in the field, and especially fill the demand for Gang Plows of great strength and simplicity, insuring perfect work in all soils, no matter how tough or difficult.

The construction of these plows shows features and advantages that no other plow known to us can possibly lay claim to, and we recommend them, with full guarantee to do the best possible work where Gang Plows are at all suited. Are made in 2, 3, 4, and 5 furrows of 10, 12, and 14 inch cut, for every character of soil on the face of the globe. Prices and descriptive crenchus furnished on application.

NAME	WEIGHT	FOR SANDY OR LOOSE SOILS, ORDER BY CODE WORD	FOR TOUGH OR STICKY SOILS, ORDER BY CODE WORD
Napoleon { 10 inch	600	Bodkin	Bouquet
Gang, { 12 inch	600	Bohemian	Bourse
2 Furrow { 14 inch	600	Bolster	Bowery
Napoleon Gang, { 10 inch	700	Bon Bon	Boyhood
3 Furrow { 12 inch	700	Bonsire	Boylsh
Napoleon Gang, { 10 inch	900	Bonnet	Bracelet
4 Furrow { 12 inch	900	Booby	Braggart
Napoleon Gang, { 10 inch	1050	Boxom	Bramble
5 Furrow { 12 inch	1100	Bounty	Bravery

AVERY'S WESTERN CULTIVATOR.



It is a strictly first-class all-steel combined Riding and Walking Cultivator, the best, neatest, and strongest frame on the market, and as light as is consistent with abundant strength. It possesses every feature essential to perfect and easy operation, and many advantages superior to other cultivators.

The axle, arch, and band are made of steel $1\frac{1}{4} \times 9$ -16 inches, securely braced in every way.

The axle is made of cold rolled steel, which can be removed from the cast bracket when worn and a new one substituted.

The gather of the wheels is as accurate as it is on a buggy.

The wheels are adjustable to different widths of rows by loosening two bolts. The wheels are steel and have removable boxes, which can be replaced at a small cost when worn.

Both shovel standards are adjustable up and down and forward and backward, to suit any shape of shovel or any kind of soil. The space between the shovels of each gang can be widened or narrowed about four inches. Likewise the gangs can be moved farther apart or closer together to suit any desired cultivation.

The above are special features that very few cultivators have. Avery's celebrated self locking, all-steel singletrees and neckyoke go with each cultivator.

With each cultivator complete, we send four regular blades and two calf tongues.

The arch is extra high and adapted for the tallest corn.

The weight of the gang is perfectly balanced, and can be adjusted by means of the springs, so that the gangs can be lifted with one finger. When the gangs are once set for depth, the operator is enabled by the foot levers to raise the shovels at end of the rows or dodge obstructions, and again drop them to the same depth as before without adjusting the hand levers.

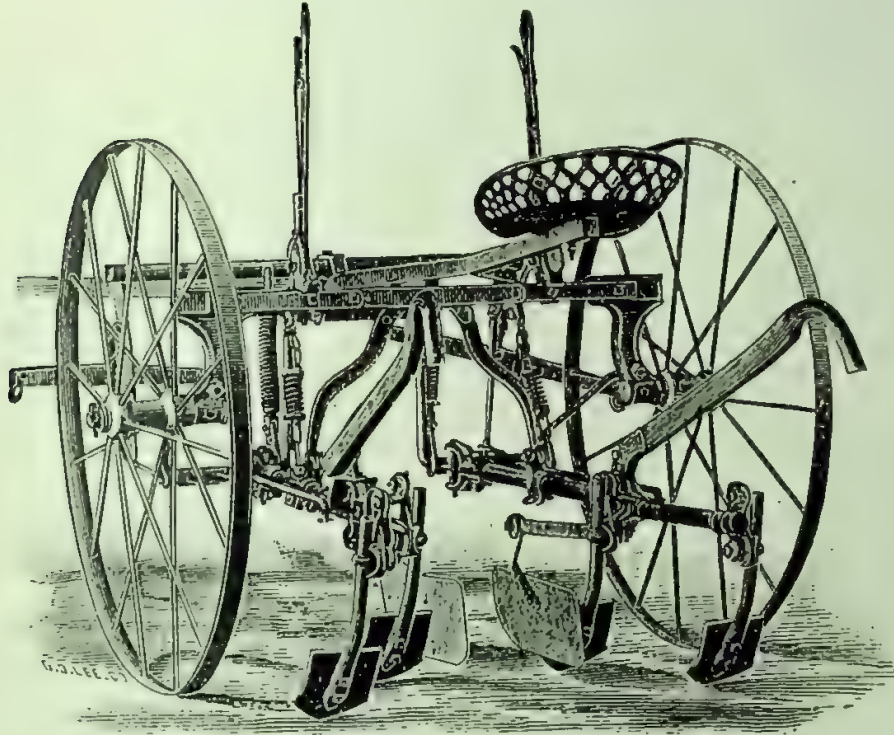
The seat is adjustable forward or backward.

We build this cultivator with either the open or round break-pin foot, and with our patent spring back foot; but unless otherwise ordered, we send the open foot. Or we can furnish the spring trip to any one who has our cultivator, as the feet all interchange.



	WEIGHT	CODE WORD
Cultivator complete, with Open Break Pin Feet	450	Comedian
Cultivator complete, with Round Break Pin Feet	450	Comical
Cultivator complete, with Open Spring Back Feet	450	Commander
Cultivator complete, with Round Spring Back Feet	450	Commissary

AVERY'S NEW SOUTH CULTIVATOR.



The frame of Avery's New South combined Riding and Walking Cultivator is almost a duplicate of our Western Cultivator in its construction, material, and points of merit - features hard to find in other cultivators.

The axle, arch, and hounds are made of steel, $1\frac{1}{2} \times \frac{1}{2}$ inches.

The wheel spindles are of cold rolled steel, and when worn can be removed from the axle bracket and new ones substituted.

It has a spring in front to help lift and balance the gang, enabling the operator to lift the gangs with ease.

The wheels are adjustable to different widths of rows by simply loosening two bolts. The wheels are steel and have removable boxes, which can be replaced at a small cost.

Avery's celebrated self-locking all-steel singletrees and neckyokes go with each cultivator.

We furnish either the parallel or rigid gang, as desired. The gangs are made of extra strong square tubing, which we claim is 20 per cent stronger than the round tubing of the same size.

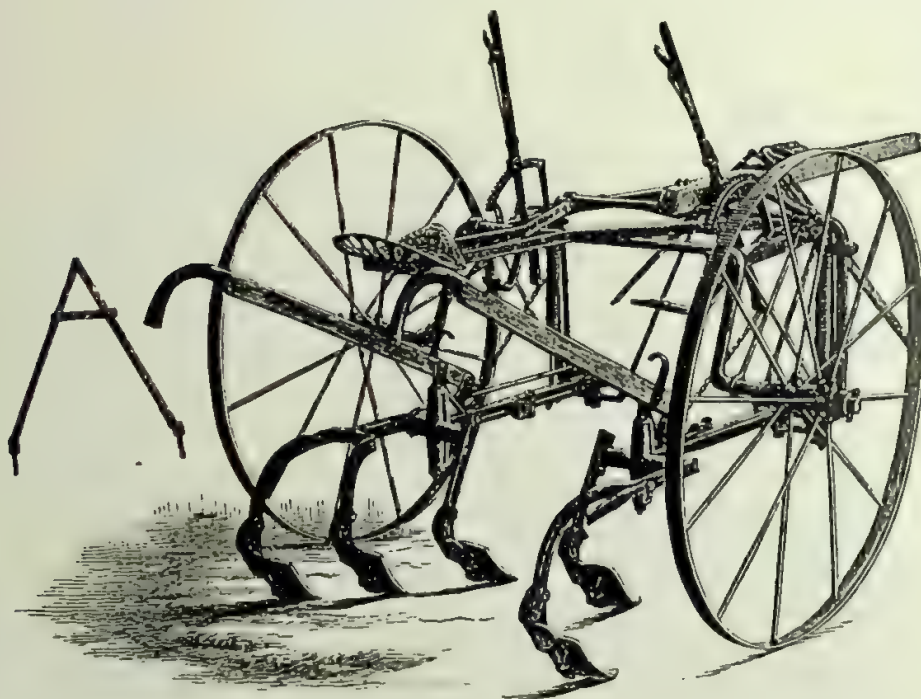
The shovel standards are made of $1\frac{1}{4}$ -inch spring steel, and can be adjusted independent of each other, either up or down, as the cultivation of the crop may demand—forward or backward, to suit any style of shovel or any kind of soil.

The shovels on each gang can be brought closer together or wider apart (a very necessary adjustment) in a moment without changing a bolt. We know of no tubular gang cultivator that has this adjustment.

With each cultivator complete, we furnish four regular blades and two calf tongues.

NAME	WEIGHT	CODE WORD
Cultivator, with Parallel Gang	450	Commodity
Cultivator, with Rigid Gang	450	Community

AVERY'S No. 48 X (PARALLEL GANG) COMBINED RIDING AND WALKING CULTIVATOR.



It has an improvement consisting in a simple means of constructing the axle and seat lever or support in such a way that when the seat is thrown up and forward (as is done when used as a walker), the wheels are drawn forward to a position which balances the frame without the weight of the driver; and when the seat is turned back in position for riding, the wheels are pushed back to a point where the frame will balance with the weight of the driver on the seat.

As a rider it has several other features which make it very desirable. The hand levers to which the lifting chain is attached are pivoted so that the chain adjusts itself automatically to suit the position of the gangs. Either or both gangs can be raised and lowered with the feet without moving the hand levers, or they may be raised with the hand without the use of the feet.

This cultivator has the same style of eveners as the Ajax, and the same spring lift as our other walking cultivators. It is, therefore, as a walker just as easily handled as the Ajax or any other walking cultivator.

It is all made of iron and steel, except the tongue and handles.

It is made with parallel steel gangs.

Any style of shovel can be attached.

Complete, with Four Shovels and Two Galf Tongues

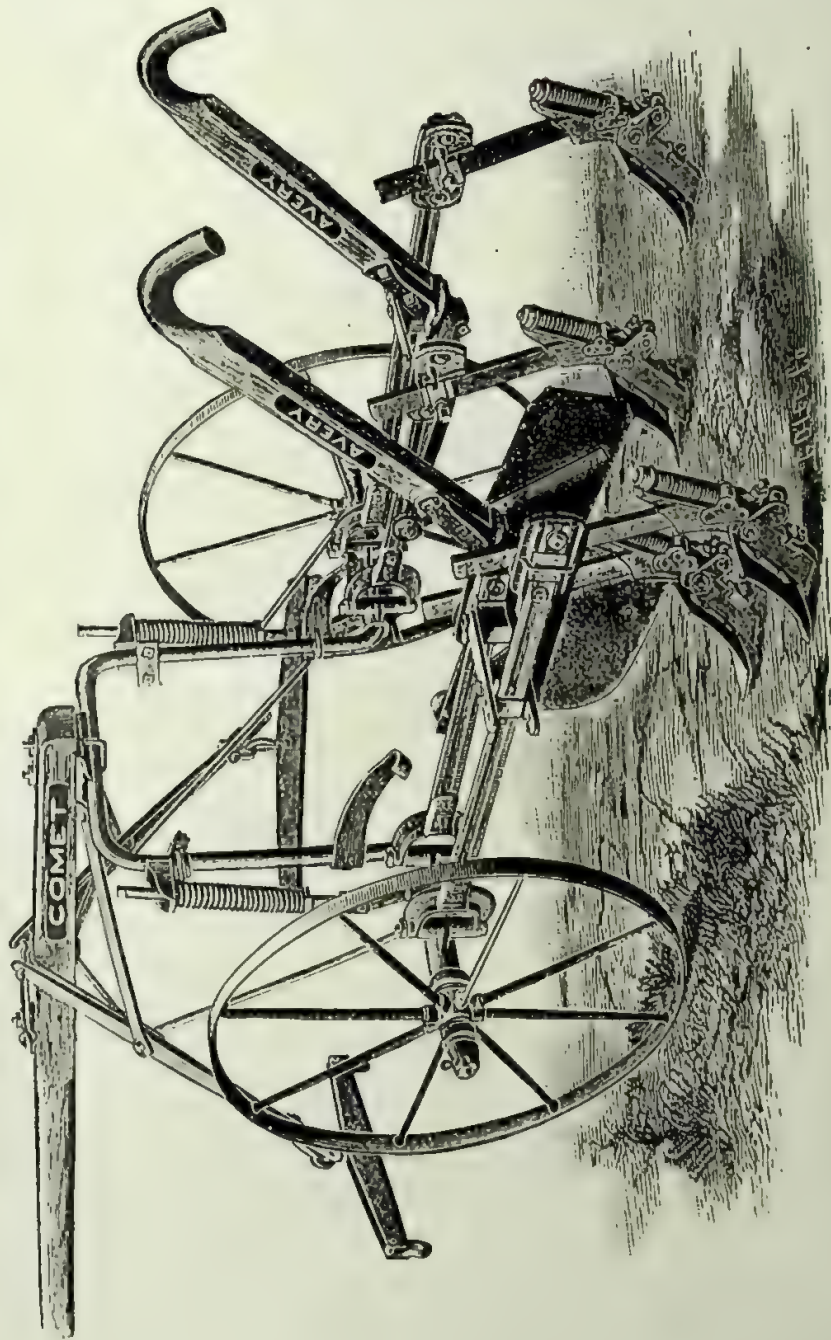
WEIGHT

415

CODE WORD

Complctly

AVERY'S NEW WALKING CULTIVATOR, "THE COMET."



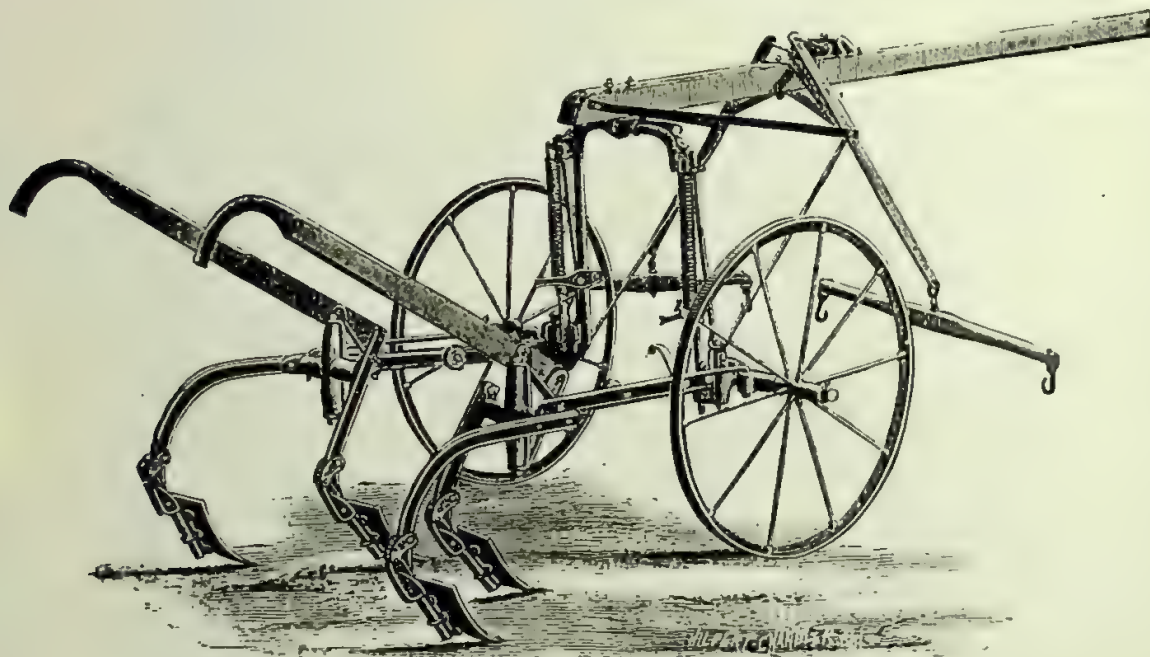
This is our newest cultivator, and has more improvements than any other walker. Absolutely strong throughout. Has very high adjustable arch, which spreads the wheels, thus keeping them out of the way of the gangs at all widths. No strain whatever on the frame. Cultivator complete, with four regular blades and two calf tongues.

NAME
Comet

WEIGHT
250

CODE WORD
Compliment

AVERY'S No. 39 X (PARALLEL GANG) WALKING CULTIVATOR.



Has many novel features; very popular; a standard implement; easily handled, strong, light; has a very high and adjustable arch; advantages in the adjustable arch when the gangs are set wide apart: the wheels are also spread, giving the gangs plenty of room to be worked laterally without hitting wheels. The gangs can be brought very close together when using bull tongues, and the beams remain parallel. Has few parts and is less complicated. Has no doubletree; has a low hitch, which takes off all neck draft. The low hitch is obtained in a novel way—by two draft bars extending down obliquely from the tongue. The construction of the frame is new and embraces many important features.

Complete with Four Shovels and Two Calf Tongues

WEIGHT

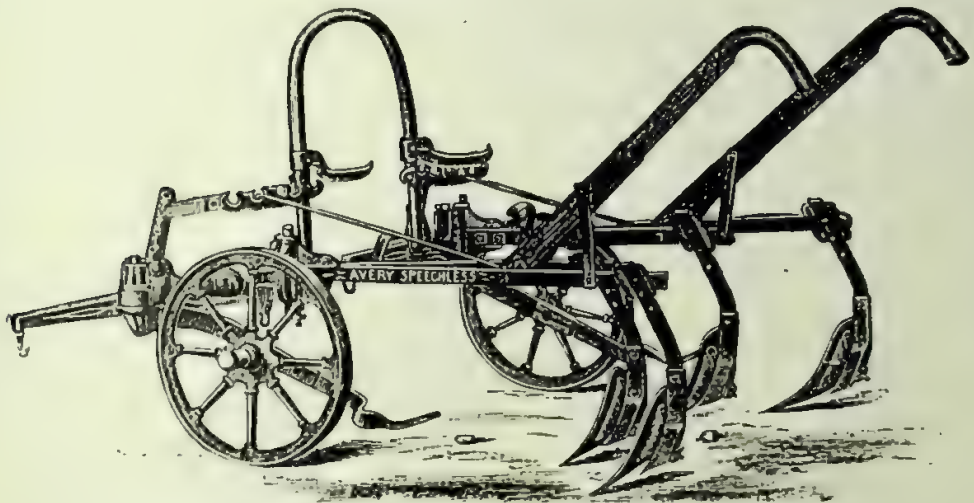
280

CODE WORD

Comrade

AVERY'S No. 31 x TONGUELESS CULTIVATOR.

"THE SPEECHLESS."



Has castor wheels, the advantages of which are that the wheels allow the frame to swing from side to side with the handles when guiding the cultivator; this makes it guide more easily and plow better. The castor wheels can not crowd or pull apart as all other tongueless wheels do; this makes the draft lighter than any other.

The balance frame relieves the plowman of one half the weight of the gangs.

The balance frame or forward pull of the arch is also caused to act upon the gangs by means of hooks pivoted to the beams so as to counteract the side pull of twisted shovels or bar shares. When the hook is dropped in a notch directly over the coupling, the only effect is to help raise the gang; but when placed on a notch on either side of the coupling, the effect is to pull the gang around in that direction. When using bar shares or twisted shovels, place the hooks in notches that will just balance the side pull of the shovels, then the gangs run straight, and are as free to be moved separately, in either direction, as if the shovels were all straight.

THE ADJUSTABLE DRAFT.—By hooking the singletrees in a higher or lower hole in the draw bar, the draft of the team is made to carry any desired portion of the weight of the gangs. This, with the side pull and castor wheels, makes this cultivator handle more easily than any other tongueless.

It has our improved hang-up.

It does not fall down.

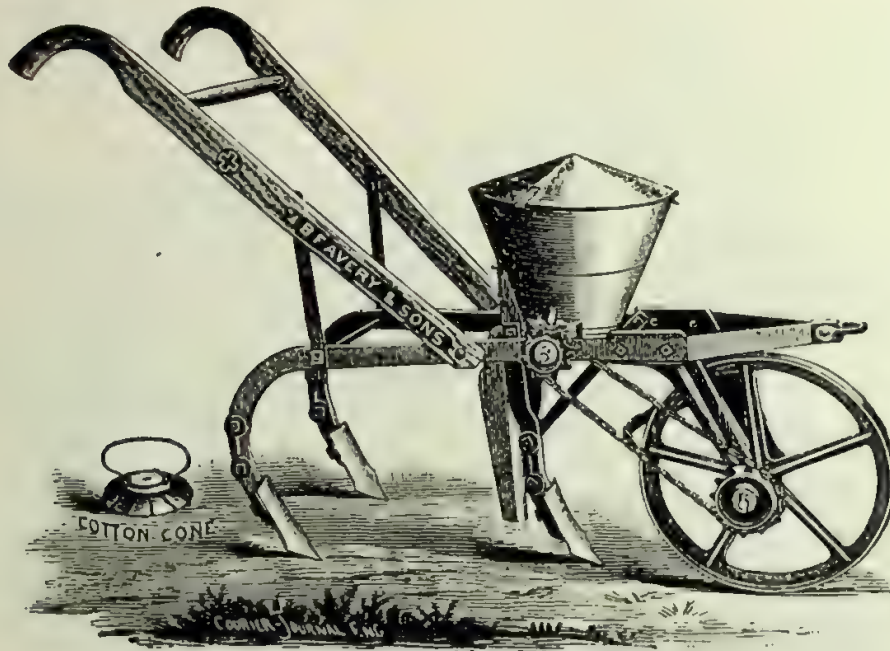
We make a small wheel, because (for our Speechless) it is better than a larger one. The usual objections to small wheels are overcome (in our Speechless) by the castor feature, and the fact that when the cultivator is in operation in the field the weight on the wheels is so slight that, should they fail to revolve (from any cause), the draft would not be perceptibly increased.

NAME	WEIGHT	CODE WORD
Speechless	200	Concavity

AVERY'S "LOUISVILLE" PLANTER.

PATENTED.

Avery's "Louisville" Planter was selected by the Board of U. S. Patent Office Authorities to be exhibited at World's Fair among the especially noteworthy and meritorious planting devices of the age.

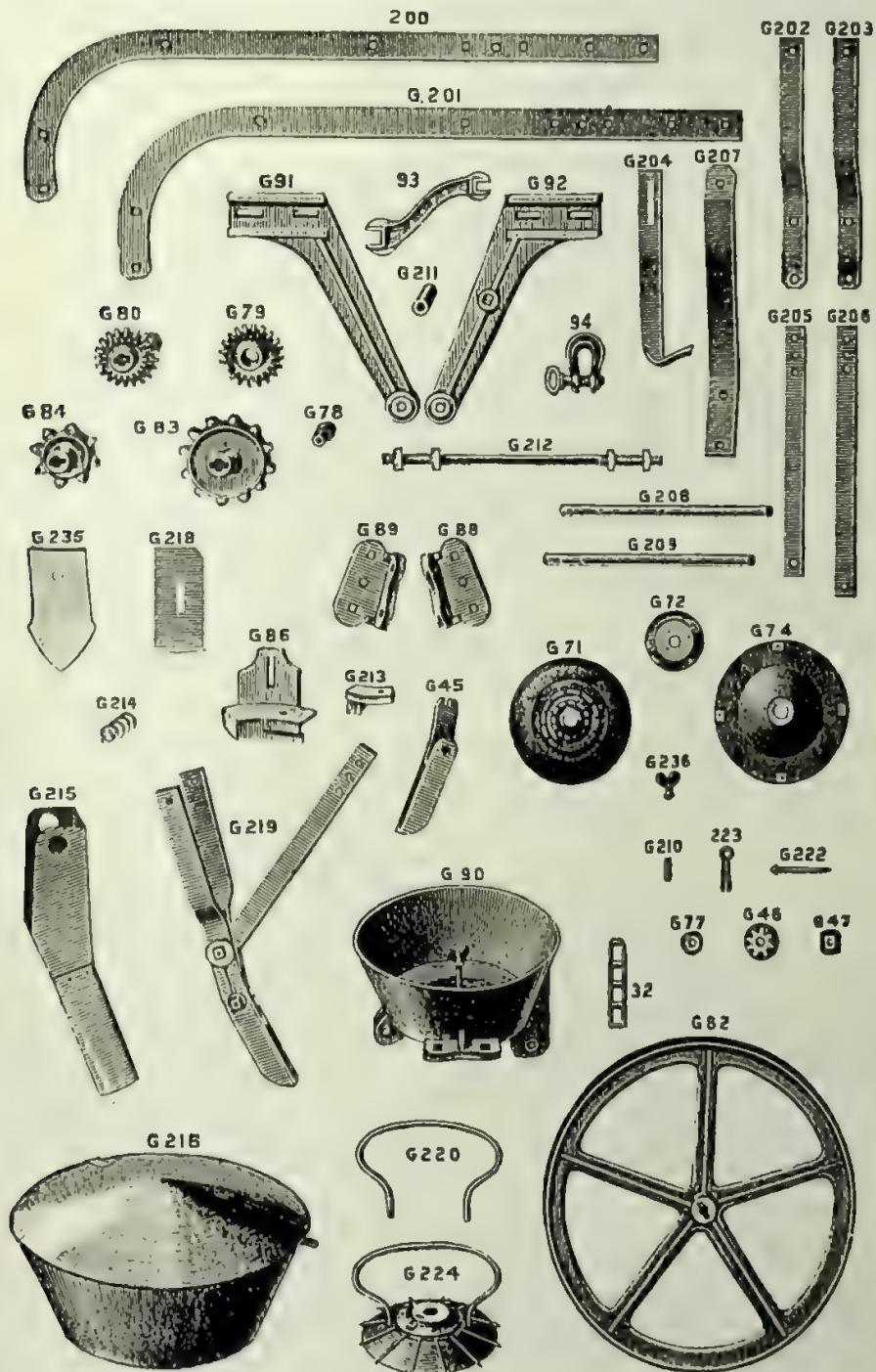


THE "LOUISVILLE" PLANTS COTTON AND CORN PERFECTLY, AND EVERY KIND OF SEED EQUALLY WELL. This planter stands without an equal. It has given unqualified satisfaction in every instance. It is constructed of iron and steel, is simple and easy to operate, has our patent break-backs on opener blade standard and also on the covering blades; the opener is adjustable to regulate the depth of planting. Planter has the rotary movement, driven by sprocket wheels and chain, the chain being outside of the frame, thus avoiding all liability to clog or load with trash from the driving wheel. It is a perfect combined planter and drill, and does its work to perfection. It has a force feed, and will plant a continuous drill, any quantity desired. It plants cotton, corn, beans, peas, or any small seed, either in hills or drills. Will plant corn from one to three grains at a time, from four to forty inches apart. We supply three corn planting plates, for dropping corn at various distances, no extra charge. Can also supply special plates for special distances or any particular seeds, from the smallest to the largest, peanuts included. On the following page we give illustrations of all the parts of this planter.

We supply a fertilizer attachment for above planter when desired, extra

NAME	WEIGHT	COD. WORK
Louisville Cotton and Corn Planter	99	Concert
Fertilizer Attachment	31	Concourse

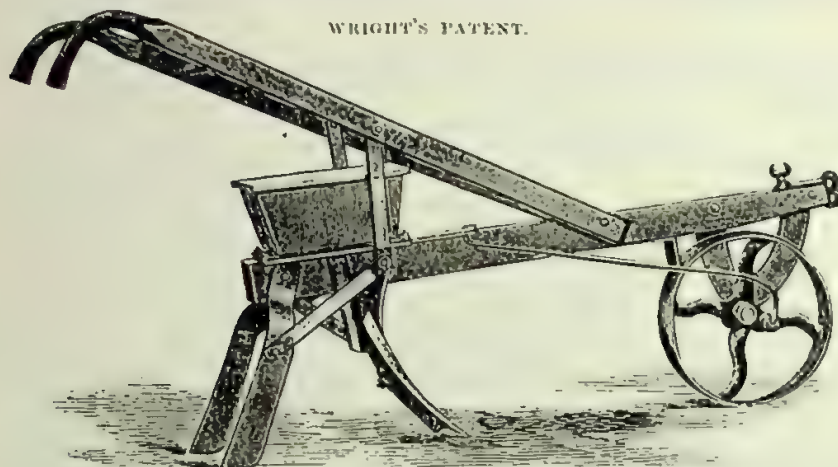
ILLUSTRATED LIST OF EXTRAS FOR "LOUISVILLE" PLANTER.



Always order by Number of Parts wanted.

AVERY'S "BULL TONGUE" CORN PLANTER.

WRIGHT'S PATENT.



One of the best one-horse corn droppers. Will work successfully upon rough, gravelly hill land, or stinky, trashy land. It will work anywhere that a bull tongue or shovel plow will run. It is nothing more than an attachment to a bull tongue or shovel plow that opens the furrow, drops the seed and covers it with two furrows at a single operation. Three days' work done in one. So simple that a ten-year-old child can handle it. You can take off the attachments and have a good bull tongue or shovel plow. For simplicity, durability, ease of management, lightness of draft, perfection of work, cheapness of repair, and all that goes to make up the best corn drill made, the Wright's Seed Dropper has no superior. The dropping device is the simplest on record, being only a slide with a hole in it, driven by a pitman rod, and a brush cut-off, and a little $\frac{3}{4}$ -inch ball on a shaft for force feed, which compels it to drop every time. This planter will drop any distance apart, and any number of grains at a time.

NAME
Avery's Bull Tongue Corn Planter

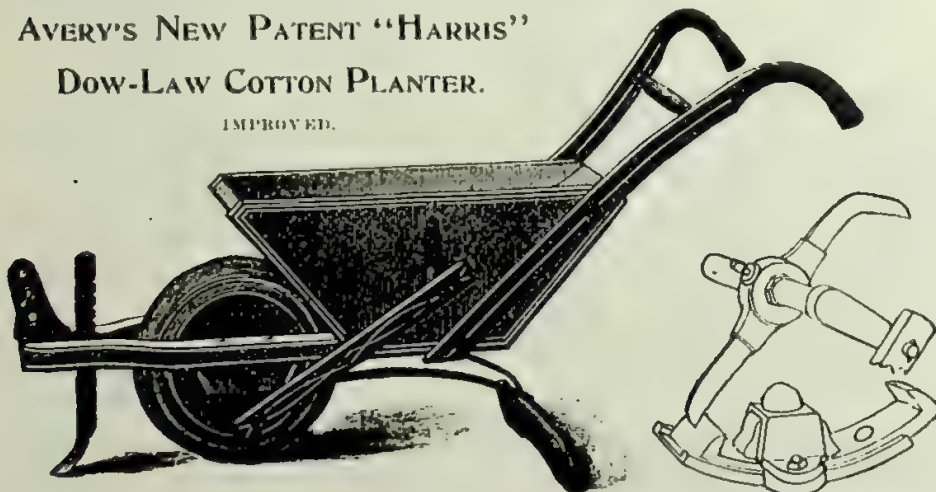
WEIGHT
60

CODE WORD
Condolence

AVERY'S NEW PATENT "HARRIS"

DOW-LAW COTTON PLANTER.

IMPROVED.



Corn Attachment.

The old reliable Harris Dow-Law, with spring-board cover. This planter is made of seasoned wood, with spring steel springs and with iron furrow wheel, shaped as above. We also show in cut, on right of planter, the new corn and pea-planting attachment for the Dow-Law. It is a good positive dropper, and is giving satisfaction wherever used. We send this attachment only when ordered. These planters now all have our new lever cut-off feed—prevents dropping seed when turning around, or at any time it is desired to cut off the flow.

With our new patent iron furrow wheel and new cut-off feed lever, we have incomparably the finest Dow-Law Cotton Planter made.

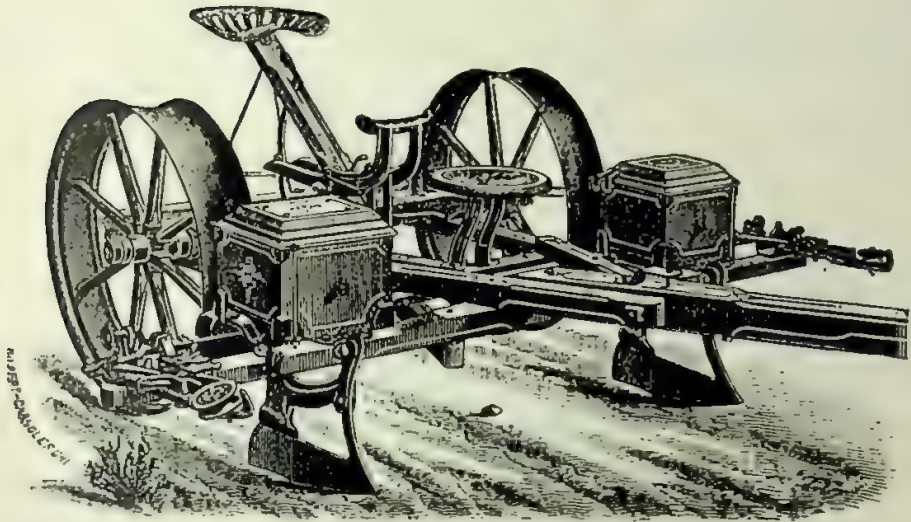
NAME
Avery's "Harris" Dow-Law Planter

WEIGHT
62

CODE WORD
Conductor

AVERY'S TWO-HORSE CORN PLANTER, "THE MONARCH."

WITH PITMAN MOVEMENT WIRE CHECK-ROWER.



POINTS OF SUPERIORITY IN THE "AVERY" CORN PLANTER.

1st. The introduction of a shoe that cuts its way instead of dragging through the soil like a sled in summer, entitles the farmer to the gratitude of the horses that draw it. It will plant fifteen acres per day with a light team, and the horses show no fatigue at the end.

2d. No planter on the sled plan can be made to plant the seed at a uniform depth on uneven ground, either of surface or solidity, that the "Avery" will do.

3d. This planter is so arranged that it deposits the seed at a uniform depth in the soil, at the will of the operator; it also passes over the land without any rocking motion; hence a check-rower will perform its work better than when the runner is used, because the heel of the runner is continually changing its vertical position.

Lightness of draft, perfect work, and adaptability to all kinds of land, will prove its value when used.

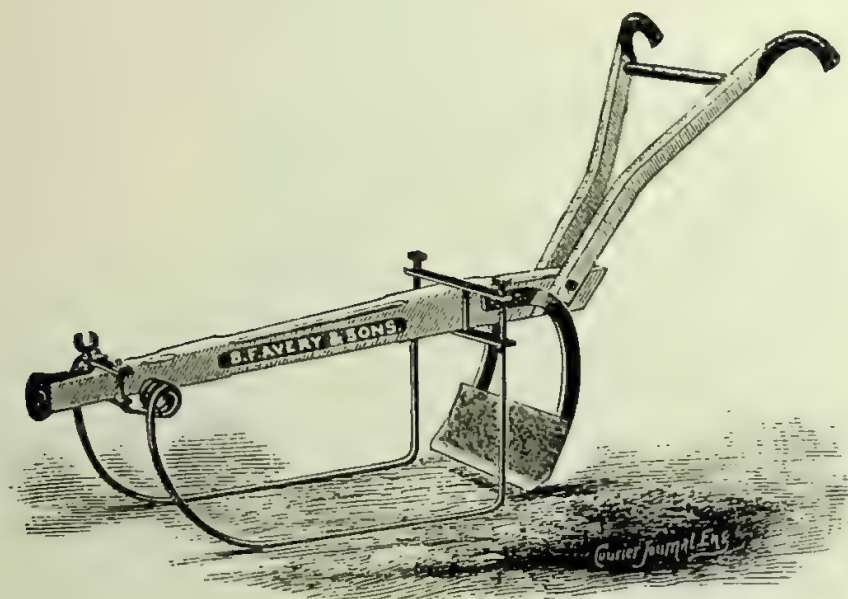
The check-rower will give such perfect satisfaction that the labor of marking out land and securing a good dropper are things of the past.

The operator can plant after the plow, and have a more perfect check than can be had by a hand dropper. No delay or trouble will annoy him in its use.

	WEIGHT	CODE WORD
Complete Two-horse Planter	340	Confection
Complete Check-rower	112	Confession

AVERY'S SPRING COMBINATION COTTON AND CORN CHOPPER.

YERGER & PARSONS' PATENT.



The above cut shows our Spring Combination Cotton and Corn Chopper, which is made in three styles and can be used as a cultivator also. It is highly indorsed by some of the most successful planters of the Mississippi Valley as a great labor-saving implement and a thorough cultivator, adaptable for working throughout the entire cultivation of the crop. The spring acts as a perfect regulator as to depth of cultivation, causing rapid growth of plant in its early stages; the cultivator acting as a perfect grass exterminator. Above we show the single chopper (can be made a double hiller and double scraper). The single chopper is the one chopper blade attached to the feet in rear of the springs. The chopper operates across the rows (not parallel with them), chopping or blotting out the cotton or corn. To do this and at the same time avoid the jolting motion ordinarily incident upon crossing such a rugged course, to the beam is attached two stiff coil springs, so shaped as to keep the scraper blade clear of the ground, however rough; the front portion of the springs resting on one row, and rear portion resting on center of blade row, where the chop is made, when desired, by a slight pressure on the handles.

The double scraper is used by straddling and running "parallel" with the rows, and the pressing on the handles enables one to scrape each side of the plant at once.

The scraper, or double scraper, is the horse-hoe blades placed on the same two front feet in lieu of the shovels. Straddle the rows, same as with hiller, and bar-off or double-scrape.

NAME	WEIGHT	CODE WORD
Avery's Corn and Cotton Chopper complete, with chopper blade, three shovels, and horse-hoe blades	61	Confusion

Avery's Patent 'U' Steel Trees



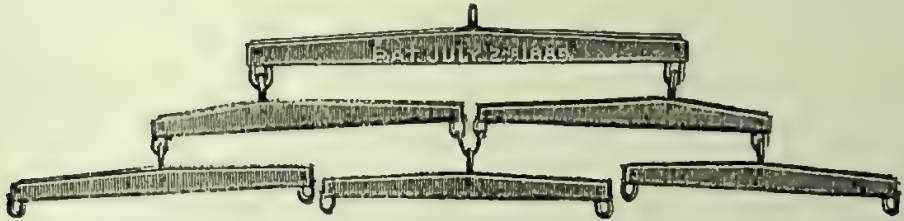
"U" SINGLE TREE.
Method of Attaching Trace.



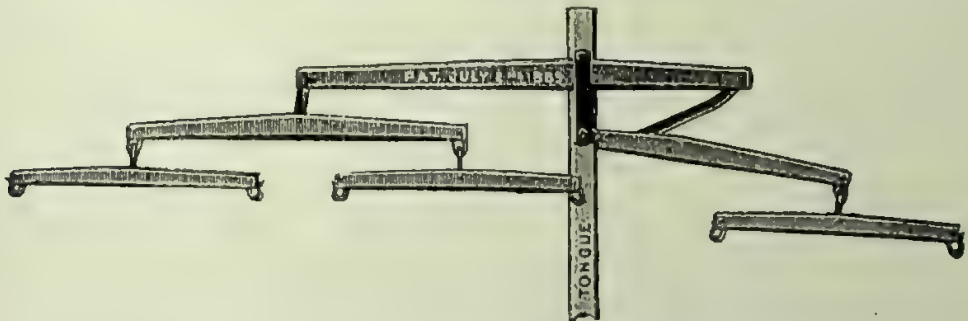
"U" NECK YOKE.



A SET OF "U" PLOW DOUBLE TREES.



A SET OF REGULAR "U" TRIPLE TREES For Walking and Sulky Plows.



A SET OF "U" CENTER DRAFT OR POLE TRIPLE TREES.

AVERY'S PATENT "U" STEEL WHIFFLETREES AND NECKYOKES.

Avery's Patent Steel Single and Doubletrees are "U"-shaped wrought steel, and have our famous patent self-locking end hooks. They are the best ever invented for general or special work, have great strength, are practically indestructible, and have malleable hooks and center eye. There is no wearing out, except the hooks after long service, and which can be replaced at a mere nominal expense by any blacksmith. Clips or hooks are riveted and do not get loose from shrinkage, as on all kinds of wood trees.

"U" STEEL SINGLE AND DOUBLETREES.

SIZE	WEIGHT PER DOZ.	CODE WORD
22 inch Single,	17	Connaisseur
24 inch Single,	30	Conqueror
26 inch Single,	34	Conquest
28 inch Single,	39	Conscience
30 inch Single,	61	Conscript
32 inch Single,	77	Consistory
36 inch Double,	89	Consonance
40 inch Double,	150	Consort
44 inch Double,	160	Constable
48 inch Double,	175	Constancy

SETS "U" STEEL DOUBLETREES. For Plows.

SIZE	WEIGHT PER SET	CODE WORD
No. 1. Two 24 and one 36 inch,	15	Consular
No. 2. Two 26 and one 36 inch,	16	Consulship
No. 3. Two 28 and one 36 inch,	18	Configuity
No. 4. Two 30 and one 36 inch,	19	Contour

FOR WAGONS, WITH HOOKS IN DOUBLETREES FOR STAY CHAINS.

No. 5. Two 30 and one 40 inch,	23	Contralto
No. 6. Two 32 and one 40 inch,	26	Contrition
No. 7. Two 32 and one 44 inch,	27	Contrusion
No. 8. Two 36 and one 44 inch,	28	Conundrum
No. 9. Two 36 and one 48 inch,	30	Convent

"U" STEEL TRIPLETREES. Regular—For Walking and Sulky Plows.

SIZE	WEIGHT	CODE WORD
No. 1. One 42 inch, two 30 inch, and three 26 inch,	33	Conversion
No. 2. One 42 inch, two 30 inch, and three 28 inch,	40	Convoy
No. 3. One 48 inch, two 34 inch, and three 30 inch,	48	Cookery
No. 4. One 48 inch, two 34 inch, and three 32 inch,	54	Cooperage

CENTER DRAFT (OR POLE).

No. 5. One 40 inch, two 30 inch, and three 26 inch,	49	Copplee
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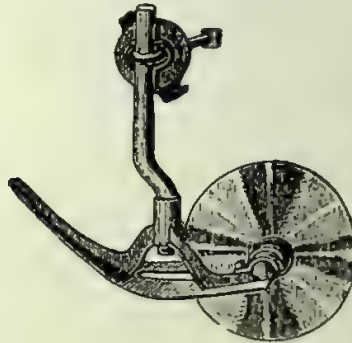
FOUR-HORSE EVENERS. For Sulky or Gang Plows.

SIZE	WEIGHT	CODE WORD
No. 1. One 66 inch, two 36 inch, and four 26 inch,	55	Copybook
No. 2. One 66 inch, two 36 inch, and four 28 inch,	57	Copyist
No. 3. One 66 inch, two 36 inch, and four 30 inch,	59	Copyright

"U" STEEL NECKYOKES. For Implements, Wagons, etc.

WEIGHT	CODE WORD	WEIGHT	CODE WORD
Light, 90	Coquette	Heavy, 112	Corduroy

AVERY'S PATENT "MOON" CASTOR ROLLING COULTER AND PLOW GAUGE.



Above we show cut of our celebrated "Moon" Coulters, which saves in draft as compared with the cutter or jointer fully thirty-five per cent in plowing sod lands, and for marsh work has surpassed the expectations of all using them, being simply perfect. This coulters enables an ordinary walking plow to turn perfectly any growth of mammoth clover, vines, stalks, weeds, or grass of any kind, without clogging, because of the patented shoe or gauge in the center of which the coulters revolves. This shoe presses down all weeds and trash, and holds same firmly while being cut by the coulters, and prevents tough grass from doubling over its edge and clogging it in soft soil. The center of disc runs within one inch of the surface of the ground, consequently the cutting point is on a horizontal line with its center, or nearly so, thus overcoming the tendency to roll over trash and throw the plow out of the ground, as is the case with other coulters. It is a perfect gauge as to depth (adjustable up or down), and no wheel or jointer is needed with coulters in use. It is surprisingly good. We have hundreds of testimonials.

NUMBER AND SIZE	WEIGHT	CODE WORD
No. 1, for plows of 6 to 8 inch cut, inclusive	12	Cornfield
No. 2, for plows of 9 to 12 inch cut, inclusive	16	Cornucopia
No. 3, for plows of 13 to 16 inch cut, inclusive	19	Corporal

NOTE SPECIALLY—These coulters are made in three sizes, and adapted to plows cutting from 6 to 16 inches.

In ordering be careful to state the size number as given above, and whether wanted for wood or steel beam plows. Clamps for wood beams always furnished, unless ordered specially for steel beam.

REMEMBER THIS: Do not order these coulters according to size of other rolling coulters used. Order them by the numbers above given for the respective sizes (cut) of plows on which they are to be used (and state whether wanted for wood beam or steel beam plow).

BECAUSE, while the ordinary rolling coulters cuts only within two or three inches of the center, the "Moon" Coulters cuts within one inch of the center of the disc. The "Moon" cuts into and through the weeds and trash, where the ordinary coulters rides on top of it. The No. 1 "Moon" Coulters (8 inches) is equal and superior in capacity to the ordinary 10-inch coulters; the No. 2 "Moon" (10 inches) does the work of an ordinary 15-inch coulters, and the No. 3 "Moon" (12 inches) equals an ordinary 15-inch coulters in capacity.

We guarantee satisfaction in every case (except in very stony land) for the "Moon" Coulters when it is attached to the plow according to the very simple directions sent with each coulters. When once tried it becomes a lasting favorite.

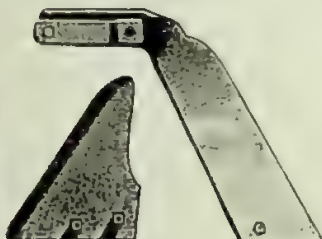
ILLUSTRATIONS OF GAUGE WHEELS AND OTHER ATTACHMENTS (ALL NUMBERED)

Made by B. F. AVERY & SONS for their various Plows and Implements.

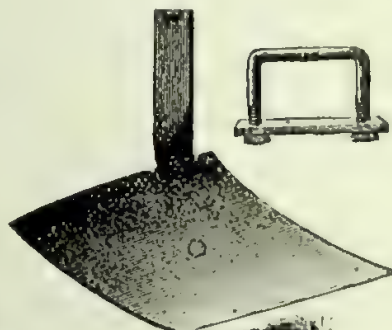
In ordering be careful to give the Number of each Article.



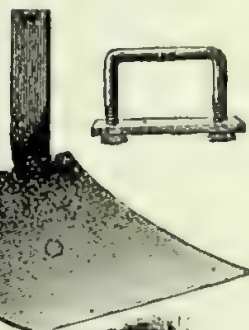
15



20



25



40

Square Head Plow Bolts.



45

Round Head Plow Bolts.



46

One and two-horse cast
plows.

$\frac{3}{8} \times 11\frac{1}{2}$ points }
 $\frac{1}{2} \times 11\frac{1}{2}$ hand } $\frac{1}{2}$ and 1
 $\frac{5}{8} \times 2$ handles } plows.

$\frac{7}{8} \times 11\frac{1}{2}$ points }
 $\frac{7}{8} \times 2$ handles } 5 and 12
plows.

One and two-horse steel
plows.

$\frac{3}{8} \times 1$ face } Pony A, O., and
 $\frac{5}{8} \times 1\frac{1}{2}$ side } B. O. Plows.

$\frac{7}{8} \times 11\frac{1}{2}$ face } C, O., D, O.,
 $\frac{7}{8} \times 1\frac{1}{2}$ side } E, O., and
F. O. Plows.



44

WOOD TREES.

H 115

115



G 31

31



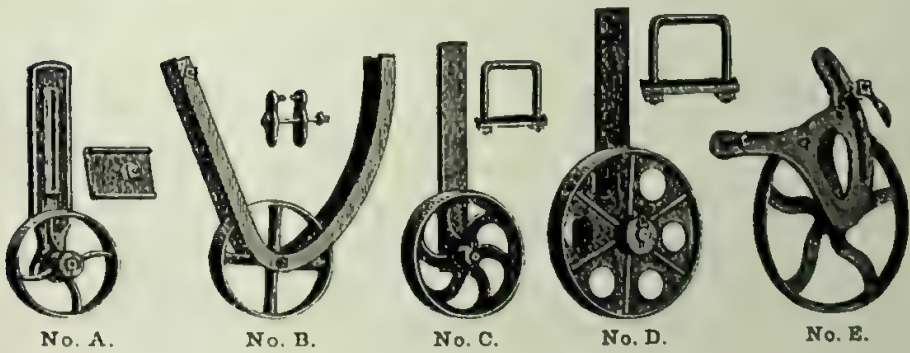
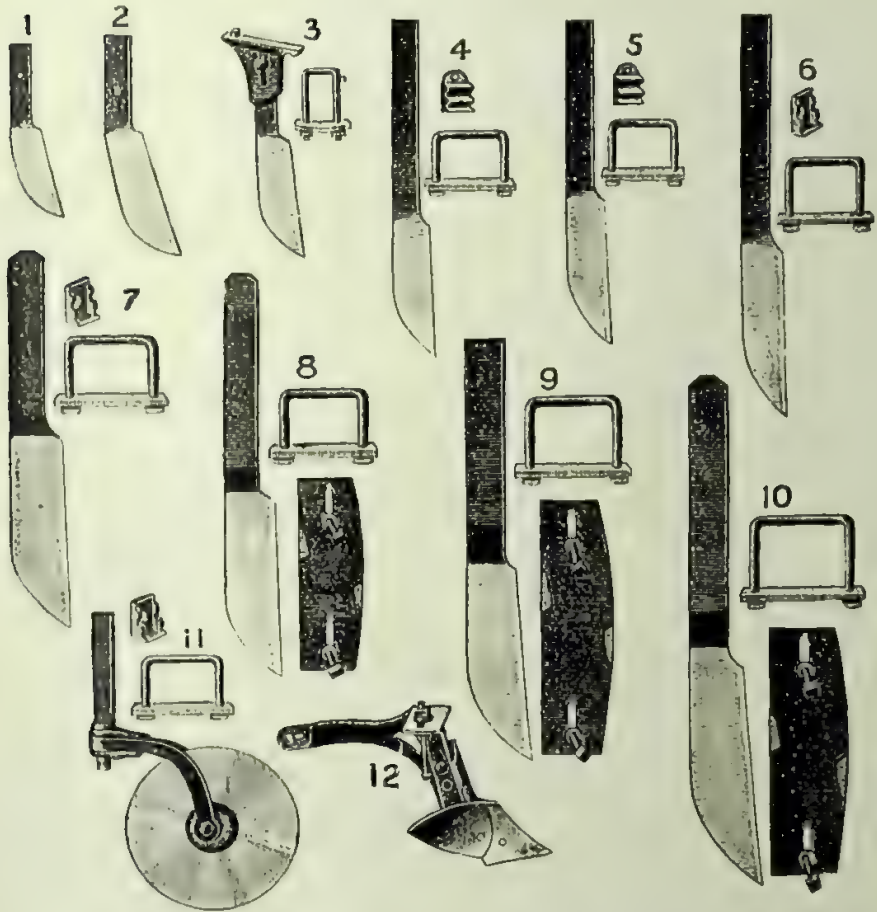
H No. 115. Wood Singletree, with patent malleable clips.
G No. 31. Wood Singletree, with wrought clips.

ILLUSTRATIONS OF COULTERS, GAUGE WHEELS, AND OTHER ATTACHMENTS,

(ALL NUMBERED)

MADE BY B. F. AVERY & SONS, FOR THEIR VARIOUS PLOWS AND IMPLEMENTS.

*** In ordering be careful to give the Number of each Article. ***



COULTER, GAUGE WHEELS, AND OTHER ATTACHMENTS

AS SHOWN AND NUMBERED ON TWO PRECEDING PAGES.

PLEASE USE DESCRIPTIVE NUMBERS IN ORDERING.

	CODE WORD
No. 1. Coulter, $1\frac{1}{2} \times 2\frac{1}{2} \times 14$ inch, with malleable bracket, same as shown in Cut No. 12, with small plow, for one-horse chilled plows,	Corpuscle
No. 2. Coulter, $1\frac{1}{2} \times 2\frac{1}{2} \times 17$ inch, with malleable bracket, same as shown in Cut No. 12, with small plow, for two-horse chilled plows,	Corridor
No. 3. Coulter, $1\frac{1}{2} \times 3 \times 15$ inch, with bracket and clamp, for Georgia Stock and Advance plows, Nos. $\frac{3}{4}$ and 1,	Corsage
No. 4. Coulter, $1\frac{3}{4} \times 2\frac{1}{2} \times 25$ inch, with clamp and cast wedge, for all one-horse wood or steel beam plows,	Corsair
No. 5. Coulter, $2 \times 1\frac{1}{2} \times 26$ inch, with clamp and cast wedge, for light two-horse wood or steel beam plows,	Cortesano
No. 6. Coulter, $2\frac{1}{4} \times 2\frac{1}{2} \times 28$ inch, with clamp and cast wedge, for medium two-horse wood or steel beam plows,	Corlunba
No. 7. Coulter, $2\frac{1}{2} \times 2\frac{1}{2} \times 30$ inch, with clamp and cast wedge, for heavy two-horse wood or steel beam plows,	Cosmetic
No. 8. Coulter, $2\frac{1}{2} \times 2\frac{1}{2} \times 30$ inch, with clamp and wrought side plate, for two-horse sugar-land plows,	Cosmology
No. 9. Coulter, $2\frac{1}{2} \times 2\frac{1}{2} \times 30$ inch, with clamp and wrought side plate, for four-mule sugar-land plows,	Costume
No. 10. Coulter, $3 \times 2\frac{1}{2} \times 36$ inch, with clamp and wrought side plate, for six or eight-mule plow,	Coterie
No. A4. Jumping Coulter, $1\frac{1}{2} \times 1\frac{1}{2} \times 25$ inch, with band and key wedge, for single shovel plows,	Cotillon
No. A5. Jumping Coulter, $2 \times 1\frac{1}{2} \times 26$ inch, with band and key wedge, for jumping shovel plows,	Cottage
No. 11. Castor Rolling Coulter, with clamps and cast wedge, for wood or steel beam plows. We make 10 inch, 12 inch, and 14 inch,	Counsel Countess Coupe
No. 15. Stiff Shank Rolling Coulters, with clamps and cast wedge, for wood and steel beam plows. We make 10 inch and 12 inch,	Courier Courtsey
No. 12. Chilled Plow Jointer, with malleable bracket and standard, for two-horse chilled plow. Same bracket (with small plow) used with our Nos. 1 and 2 Coulter, complete,	Courtship

In ordering any of the above Coulters state whether for wood or steel plows; also the number or size of plow the Coulter is wanted for.

No. A. Gauge Wheel, cast shank; can be used on either side of wood or steel beam plow, with plate and 6 inch or 7 inch wheel, as desired,	Cousin Coward
No. B. Gauge Wheel, wrought quadrant; used under beam of one and two-horse wood beam plows, with plate and 6 inch or 8 inch wheel, as desired,	Coxcomb Coxswain
No. C. Gauge Wheel, wrought stiff shank; can be used on either side of wood beam plow, with band and 9 inch wheel,	Cradle
No. C. Same throughout, but with 11 inch wheel,	Cranium
No. D. Gauge Wheel, wrought stiff heavy shank and wheel, and adjustable spindle; can be used on either side of very large wood beam plow, with 12 inch wheel,	Crater
No. D. Same throughout, but with 14 inch wheel,	Crayon
No. E. Gauge Wheel, cast segment; old series; made right or left hand, for large wood beam plows, with band and 14 inch wheel,	Creature
No. 20. Fin-Cutter Attachment, for steel points; for one and two-horse,	Creole Crevice
No. 25. Knee-Cutter Attachment, for plows; for one and two-horse,	Cribbage Crickett
No. 40. The Carraway Scraper; the best scraper made for cotton; fits all our one-horse plows; saves labor and largely increases the yield,	Crinoline
No. 44. Plain Fenders, for double shovel plows and cultivators,	Criterion
No. 45. Square Head Bolts, for one and two-horse plows,	Crocodile
No. 46. Round Head Countersunk Bolts, for one and two-horse plows,	Crocus

Louisville Retail Price List of Plows and Repairs for 1893-4. Subject to Change without Notice.

CAST PLOWS AND REPAIRS.

See 'Cut of Plow on Page	NAME OR NUMBER OF PLOW.	Cut of Plow. Inches.	Shipping Weight of Plow.	Plow and Extra Point.	Extra Point.	Landside.	Mold-Board.	Finished Beam.	Finished Pair Handles.
1	Georgia Stock Turning Plow.	7	34	\$2 00	\$0 20	\$0 25	\$0 70	\$0 40	\$0 40
8	No. 1.	7	35	3 00	20	30	1 25	60	60
8	1.	8	39	3 60	20	40	1 35	65	65
8	2.	8½	44	4 00	30	50	1 75	80	65
8	3.	9	53	5 00	35	60	2 50	85	75
.	4.	.	.	.	45	1 00	3 75	.	.
.	5.	.	.	.	45	1 00	3 75	.	.
.	7.	.	47	.	30	50	2 10	80	65
7	8.	7	35	8 00	20	30	1 25	60	60
.	11.	.	.	.	30	50	2 10	80	85
7	12.	8½	51	5 00	35	45	2 25	1 00	90
.	13.	.	35	.	20	30	1 50	60	50
.	15.	.	.	.	45	1 00	3 75	.	.
.	19.	.	44	.	30	50	2 10	.	.
.	20.	.	.	.	30	50	2 10	1 00	90
.	21.	.	71	.	45	70	3 40	1 25	1 10
.	Pigmy	.	82	.	20	25	70	55	45
.	P.	.	42	3 25	20	40	1 70	60	50
.	O.	.	44	3 35	25	45	1 90	65	55
.	N.	.	57	6 00	35	50	2 75	85	75
.	X.	.	73	6 50	60	60	3 75	1 00	90
.	YY.	.	77	8 00	65	70	4 10	1 20	1 00
.	Red Pony	7	37	4 00	20	30	1 00	70	65
8	Blue Wing, 1	.	36	.	20	30	1 40	60	80
.	Blue Wing, 1	.	38	.	20	30	1 50	80	80
9	Red Bird, 1	6	37	2 75	20	30	1 00	65	65
9	Red Bird, 1	6½	38	2 75	20	30	1 15	65	65
9	Veteran, 6½	6½	40	3 50	20	.	75	75	85
9	Veteran, 7	7	41	4 00	25	.	85	75	75

CHILLED PLOWS AND REPAIRS.

See Cut of Plow on Page	No. of Plow	Turning Capacity— Inches.	Shipping Weight	Plow and Extra Point	Chilled Point	Flip Nose Points	Cast Cast- Steel Point	Landslide, Including Adjustable Heel	Mold- Board	Standard	Finished Beam	Finished Pair Han- dles	Shims	Beam Rest	Adjustable Chilled Heel	Joiner	REMARKS.
10	8	7 to 9	38	\$4 00	20	20	20	20	\$1 00	\$1 50	80 75	20	20	20	20	\$1 75	For prices of Knife and Rolling Coulters and Gauge Wheels, see page 90.
10	12	9 to 11	56	6 50	35	35	35	35	1 50	2 25	1 20	90	20	20	20	20	For prices of Knife and Rolling Coulters and Gauge Wheels, see page 90.
10	14	6 1/2 to 8	47	4 50	25	25	25	25	1 25	1 25	1 20	75	20	20	20	20	We make Nos. 16, 16 1/2, 17, and 18 Plows both Right and Left Hand.
11	14 1/2	7 to 9	56	5 00	25	25	25	25	1 25	1 35	1 00	1 00	20	20	20	20	
11	15	8 to 9 1/2	64	6 00	35	35	35	35	1 50	1 50	1 00	1 00	20	20	20	20	
11	16	9 1/2 to 11 1/4	80	7 50	40	40	40	40	2 00	2 00	1 20	1 25	20	30	20	20	
11	16 1/2	10 to 12 1/2	97	8 50	40	40	40	40	2 00	2 25	1 25	1 50	20	35	20	20	
11	17	11 to 14	106	9 00	45	45	45	45	2 50	2 25	1 50	1 50	20	40	20	20	
11	18	12 to 15	116	9 50	45	45	45	45	2 50	2 50	1 50	1 50	20	50	20	20	

STEEL PLOWS AND REPAIRS, WOOD AND STEEL BEAM—"PONY SERIES."

See Cut of Plow on Page	Name of Plow	Cut of Plow Inches.	Shipping Weight	Wood Beam Weight	Shipping Weight	Steel Beam Weight	Wood Beam and Extra Point	Steel Beam and Extra Point	Steel Point	Cast Point	Steel Slide	Mold Board	Standard Welded to Landslide, Steel Slide and Bolts, Complete.	Finished Wood Beam	Finished Steel Beam	Pair Handles	Adjustable Heel	REMARKS.
12	Cadet	6	35	35	35	35	4 00	4 00	50	20	50	25	\$1 00	80 70	20	80 60	80 15	For other Extras of this Series see page 90.
12	Comb. Stand	7	41	41	41	41	4 50	4 50	60	20	50	25	80	40	20	40	15	For prices of Knife and Rolling Coulters, Knee and Pin Cutter Points, and Gauge Wheels, see page 90.
13	Tiny Tim	6	31	31	31	31	5 00	5 00	50	20	50	25	1 25	70	20	50	15	
	Pony	7	40	40	40	40	5 75	5 75	70	20	50	25	1 50	80	25	50	15	
	A. O.	8	42	42	42	42	6 35	6 35	80	25	50	25	1 70	90	30	70	15	
	B. O.	9	46	46	46	46	7 50	7 50	90	30	50	25	1 90	1 00	30	75	15	
	C. O.	10	66	66	66	66	10 40	11 75	1 00	35	65	30	3 00	1 10	35	90	15	We make Nos. C.O., D.O., E.O., and F.O., both Right and Left Hand.
	D. O.	11	69	69	69	69	11 40	12 75	1 10	40	65	35	3 00	1 25	35	90	15	
	E. O.	12	88	88	88	88	13 00	14 50	1 50	60	75	40	3 25	1 75	40	1 15	15	
	F. O.	13	106	106	106	106	14 00	15 50	2 00	75	75	45	4 00	2 00	40	1 20	15	

STEEL PLOWS AND REPAIRS, WOOD AND STEEL BEAM—"WESTERN SERIES."

See Cut of Plow, on Page	No. of Plow	Cut of Plow, Inches	Sh. Wood Beam	Sh. Steel Beam	Wood Beam Plow and Extra Point.	Steel Beam Plow and Extra Point.	Steel Point.	Cast Point.	Steel Slide.	Mold- Board.	Standard Welded to Land-side Steel Slide and Bolts. Complete.	Finished Wood Beam.	Finished Steel Beam	Finished Handles	Adjustable Handles	REMARKS.
17	C.O.	10	75	90	\$11 50	\$13 00	\$1 00	\$0 35	\$0 65	\$3 50	\$3 00	\$1 10	\$3 50	\$0 90	\$0 15	We make these
17	D.O.	11	80	95	12 50	14 00	1 10	40	65	4 00	3 50	1 25	3 50	90	15	Plows both Right
17	E.O.	12	95	100	14 50	16 50	1 50	60	75	4 50	4 00	1 75	4 00	1 25	15	and Left Hand.
17	F.O.	13	112	110	16 00	18 00	2 00	75	75	5 00	4 50	2 00	4 00	1 25	15	For Extras see
																page 90.

NEW COTTON BOLL PLOW—For Prices of Plow and Repairs, see Page 93.

STEEL PLOWS AND REPAIRS, WOOD AND STEEL BEAM—"NEW CLIPPER SERIES."

THESE PLOWS DO NOT INCLUDE EXTRA POINT.

See Cut of Plow, on Page	No. of Plow	Cut of Plow, Inches	Sh. Wood Beam	Sh. Steel Beam	Wood Beam Plow with- out Extra Point.	Steel Beam Plow with- out Extra Point.	Steel Point.	Cast Point.	Steel Slide.	Mold- Board.	Frog Bar and Wing.	Standard and Cap.	Finished Wood Beam.	Finished Steel Beam	Finished Pair	Adjustable Handles	Adjustable Hdl.	REMARKS.
19	10	10	81	94	\$13 50	\$14 75	\$2 50	\$0 70	\$1 25	\$4 00	\$1 50	\$1 50	\$1 50	\$4 50	\$1 00	\$0 15	15	For prices of Knife and
19	12	12	101	103	16 75	17 25	3 00	75	1 50	4 75	1 50	1 50	1 75	4 75	1 25	16	16	Rolling Cutters, Kueo
19	14	14	108	121	18 25	20 00	3 50	80	1 75	5 50	1 75	1 75	2 00	5 00	1 50	16	16	and Fin. Cutter Points,
19	16	16	115	130	20 50	22 50	4 00	1 00	2 00	6 25	1 75	1 75	2 25	5 50	1 75	16	16	see page 90. We make these Plows
																		both Right and Left Hand

STEEL PLOWS AND REPAIRS, WOOD BEAM—"SUB-SOIL SERIES."

See Cut of Plow on Page	Number of Plow.	Shipping Weight.	Wood Beam Plow and Extra Point.	Steel Point.	Post.	Draft Rod.	Beams.	Finished Handles, per Pair.	Clevis.	REMARKS.
23	2	33	\$12 50	\$1 50	\$0 40	\$1 50	\$1 50	\$0 85	\$0 75	Made only with Wood
23	4	120	15 00	1 75	50	1 75	1 75	1 00	1 00	Beam and Right Hand.

STEEL PLOWS AND REPAIRS, STEEL BEAM.

"ROD-BREAKER SERIES"—TEXAS.

See Cut of Plow on Page	Number of Plow.	Cut of Plow, Inches.	Shipping Weight.	Steel Beam Plow and Extra Point, Complete.	Steel Point.	File Cutter.	Gauge Shoe, Com- plete.	Rods and Brace, each, Com- plete.	Frog Bar and Wing.	Beam.	Pair Handles.	REMARKS.
23	12	12	75	\$11 00	\$2 25	\$0 50	\$0 50	\$0 30	\$1 25	\$3 00	\$1 00	Made only with Steel Beam.
23	14	14	79	12 00	2 50	50	50	30	1 25	3 00	1 00	
23	16	16	83	13 00	2 75	50	50	30	1 25	3 00	1 00	

STEEL PLOWS AND REPAIRS, WOOD AND STEEL BEAM.

"X SERIES"—BLACKLAND.

See Cut of Plow on Page	Number of Plow.	Cut of Plow, Inches.	Shipping Weight, Wood Beam.	Shipping Weight, Steel Beam.	Wood Beam Plow and Extra Point.	Steel Beam Plow and Extra Point.	Steel Point.	Cast Point.	Steel Slide.	Mold- Board.	Standard, Welded to Landside, Steel Slide and Bolts, Complete.	Finished Wood Beam.	Finished Steel Beam.	Pair Handles.	REMARKS.
20	61x	7	53	62	\$7 50	\$9 50	\$0 80	\$0 25	\$0 60	\$1 75	\$2 00	\$1 00	\$3 00	\$0 75	For prices of Knife and Rolling Coulters and Cutter Points, also Gauge Wheels, see page 50.
20	62x	8	65	70	9 00	11 00	90	30	60	2 25	2 00	1 30	3 50	85	
20	62½x	9	70	82	10 50	12 50	1 15	40	70	2 50	2 50	1 80	3 50	95	
20	63x	10	73	85	12 00	13 50	1 25	50	70	2 75	2 50	1 86	4 00	1 00	
20	64x	11	87	95	13 50	15 00	1 50	60	80	3 00	2 75	2 00	4 50	1 10	
20	65x	12	111	103	16 00	18 00	2 00	70	80	3 50	3 00	3 00	4 50	1 50	
20	65x	14	113	105	18 00	20 00	2 25	80	90	3 50	3 00	3 00	4 50	1 50	

STEEL PLOWS AND REPAIRS, WOOD AND STEEL BEAM.

"O SERIES." BLACKLAND.

See Cut of Plow on Page	Number of Plow.	Cut of Plow, Inches.	Shipping Weight, Wood Beam.	Shipping Weight, Steel Beam.	Wood Beam Plow and Extra Point.	Steel Beam Plow and Extra Point.	Steel Point.	Cast Point.	Steel Slide.	Mold- Board.	Standard. Welded to Landscape, Steel Slide and Bolts, Complete.	Finished Wood Beam.	Finished Steel Beam.	Finished Handles, per Pair.
21	20-0	6½	44	61	\$7 50	\$9 00	\$0 80	Not made for this series.	\$0 60	\$1 75	\$1 50	\$1 00	\$3 00	\$0 75
21	30-0	7½	62	69	9 00	10 50	90		60	2 00	2 00	1 30	3 50	96
21	40-0	8½	66	82	11 00	12 50	1 00		70	2 50	2 50	1 80	3 50	95
21	50-0	9½	79	100	12 00	15 00	1 50		70	2 75	3 00	1 80	4 00	1 00
21	60-0	.	88	.	.	.	2 25		80	3 00	.	2 00	4 50	1 10
21	70-0	.	95	.	.	.	2 50		80	3 50	.	3 00	4 50	1 50
21	80-0	.	116	.	.	.	3 00		90	3 50	.	3 00	4 50	1 50

STEEL PLOWS AND REPAIRS, STEEL BEAM.

"IMPROVED BLACKLAND SERIES."

See Cut of Plow on Page	Number of Plow.	Cut of Plow, Inches.	Shipping Weight, Steel Beam.	Wood Beam Plow and Extra Point.	Steel Beam Plow and Extra Point.	Steel Point.	Cast Point.	Steel Slide.	Mold- Board.	Finished Steel Beam.	Finished Handles, per Pair.	Frog Bar Handles, and Wing.
22	7	7	67	Not made.	\$10 50	\$1 00	Not made	\$0 80	\$2 50	\$3 00	\$1 00	\$1 25
22	8	8	69		12 00	1 25		85	3 00	3 50	1 25	1 25
22	9	9	84		13 50	1 50		1 00	3 50	3 75	1 25	1 50
22	10	10	89		14 50	1 75		1 15	4 00	4 00	1 25	1 50

STEEL PLOWS AND REPAIRS, WOOD BEAM. "ADVANCE DOUBLE MOLD-BOARD SERIES."

See Cut of Plow on Page	No. of Plow	Cut of Plow, Inches	Shipping Weight	Plow and Extra Fin Cutter or Plain Point.	Plow and Extra Plain Point without Wings.	Plain Steel Point.	Fin Cutter Point.	Mold-Board, Right or Left.	Ten Vine Cutter.	Extension per Pair.	Standard.	From.	Finished Beam.	Finished Handles.	Tons.	REMARKS.
24	1	10	55	\$9 00	.	\$1 50	\$2 25	\$1 75	.	.	\$1 50	\$0 75	\$0 80	\$0 65		For Coulters for Nos. 1/2 or 1, see page 90.
24	1	12	59	11 00	.	1 75	2 50	2 00	.	.	1 50	75	80	65		
24	1 1/2	12	109	.	\$22 50	2 00	.	2 00	3 50	10 00	.	.	1 50	70	\$0 45	
24	1 1/2	14	146	.	27 50	2 50	.	2 15	4 50	10 00	.	.	1 60	70	50	
24	1 1/2	14 1/2	150	.	30 00	2 75	.	2 25	4 50	11 00	.	.	1 80	75	60	
24	2	14 1/2	160	.	35 00	3 00	.	2 25	4 50	12 50	.	.	2 00	75	60	
24	3	16 1/2	231	.	40 00	3 50	.	3 50	6 25	14 00	.	.	2 00	85	60	
24	4	22	290	.	50 00	3 75	.	4 50	8 25	15 00	.	.	2 50	1 00	60	

STEEL BEAM MIDDLE BURSTER PLOW.

See Cut of Plow on Page	Number of Plow.	Cut of Plow, Inches.	Shipping Weight.	Steel Beam Plow and Extra Point.	Point.	Mold-Board, Right or Left.	Finished Pair Handles.	REMARKS.
25	10	10	90	\$16 50	\$8 00	.	.	
25	12	12	95	17 50	8 50	.	.	
25	14	14	105	22 50	4 00	.	.	
25	16	16	110	.	.	.	.
25	18	18	120	.	.	.	.
25	20	20	125	.	.	.	.
25	22	22	180	.	.	.	.

STEEL "RAILROAD PLOW," WOOD BEAM.

See Cut of Plow on Page	Name of Plow.	Shipping Weight, Inches.	Plow Complete, as shown in Cut, with Extra Point.	Steel Point.	Draft Rod.	Landslide.	Mold-Board.	Center.	Finished Beam.	Finished Pair Handles.	Wheel.	Standard.	REMARKS.
22	Railroad	11	\$30 00	\$2 50	\$5 00	\$1 75	\$4 00	\$1 50	\$6 00	\$6 00	\$4 00	\$5 00	

STEEL POTATO DIGGER.

See Cut on Page	NAME OF IMPLEMENT.	Shipping Weight.	Digger, with- out Vine Cutter or Extra Point.	Steel Points.	Cast Points.	Standard with Rudder.	Set of Fingers.	Vine Cutter.	Finished Beam.	Finished Pair Handles.
27	Potato Digger,	77	\$10 00	\$3 00	\$1 25	\$2 50	\$2 00	\$2 50	\$1 50	\$0 90

REMARKS —Cast Points for Old Style Avery Potato Digger supplied when ordered at \$1.50 each.

IDEAL HILLSIDE PLOWS.

See Cut of Plow on Page	Number of Plow.	Cut of Plow, Inches.	Shipping Weight.	Plow and Extra Point. Cast Cast-Steel	Cast Point.	Cast Cast- Steel Point.	Mold-Board.	Finished Beam.	Finished Pair Handles	Cast Point for Old Style Cast Hillside Plows.	Steel Point for Old Style Steel Hillside Plows.
23	8	68		Not now made.	\$0 75	\$2 00	\$2 50	\$1 25	\$0 75	One-Horse,	One-Horse,
24	10	105			1 00	2 50	3 00	1 50	1 00	\$0 75	\$1 50
26	8	70		\$10 00	75	2 00	2 50	1 25	75	Two-Horse,	Two-Horse,
28	10	100		12 00	1 00	2 50	3 00	1 50	1 00	\$1 10	\$2 00

NEW GROUND PLOWS.

See Cut of Plow on Page	NAME OF PLOW.	Shipping Weight.	Plow with Coulters, Complete.	Steel Blade.	Coulters with Band and Plate.	Finished Beam.	Finished Handles.	Finished Posts.
28	Old Style No. 1	49	\$5 00	\$1 75	\$1 50	\$1 00	\$0 75	\$1 00
29	Improved No. 1	49	5 00	2 00	1 50	1 00	75	75
29	Improved No. 2	53	6 00	2 25	1 50	1 25	85	75
29	Samson No. 3	54	6 00	2 00	2 00	1 25	90	1 00
29	Samson No. 4	65	7 00	2 50	2 00	1 50	1 00	1 25
29	Samson No. 5	74	8 00	3 00	2 00	1 75	1 00	1 50

SINGLE SHOVEL PLOWS.

WOOD AND IRON BEAMS.

See Cut of Plow on Page	STYLE OF PLOW.	Shipping Weight.	Plow, with Coulters, Complete.	Steel Shovel.	Coulters with Band.	Finished Beam.	Finished Handles.	Finished Posts.	Stock, without Blade.
30	Wood Beam	80	\$2 50	\$0 80	\$0 90	\$1 00	\$0 75	\$1 00	\$2 00
30	Iron Beam	81	3 00	90	1 00	1 50	75	1 00	2 25

JUMPING SHOVELS.

See Cut of Plow on Page	Number of Plow.	Shipping Weight.	Jumper, with Coulter, Complete.	Steel Shovel.	Coulter and Band.	Finished Beam.	Finished Handles.	Finished Posts.	Stock, without Blade.
31	6	44	\$5 00	\$1 00	\$1 25	\$1 25	\$0 80	\$1 00	\$3 00
31	7	53	6 00	1 25	1 50	1 50	90	1 25	3 50

DOUBLE SHOVEL PLOWS AND DOUBLE PLOW STOCKS.

WOOD AND STEEL BEAMS.

See Cut of Plow on Page	NAME OF DOUBLE SHOVEL PLOWS.	Shipping Weight.	Plow, Complete.	Finished Wood Beam.	Finished Long Iron Beam.	Finished Short Iron Beam.	Finished Pair Handles.	Patent Slides, per Pair.	Spreaders, or Extension Rods.
31	Wood Beam	28	\$3 25	\$0 75	. . .	. . .	\$0 50	\$0 40	
32	Universal	32	3 50	75	. . .	. . .	75	40	
32	Wood Beam, with Wrought Iron Standard	42	3 25	50	. . .	. . .	70	40	\$0 20
33	Iron Beam	38	3 25	. . .	\$1 00	\$0 75	50	40	20
34	Superior	41	3 25	. . .	1 00	75	50	40	20
34	Break Pin	44	3 50	. . .	1 00	75	50	40	20
33	Black Land	52	5 00	. . .	1 00	75	75	40	30
38	Iron Frame, Double Stock .	38	4 00	. . .	1 00	75	50	40	20
. . .	Wood Beam Double Turn- ing Plow	50	6 00	50	1 00	75	50	. . .	. . .
. . .	Davis' Adjustable	40	4 00	. . .	1 50	1 25	65	. . .	. . .

SINGLE AND DOUBLE PLOW STOCKS.

WOOD AND STEEL BEAMS.

See Cut of Stocks on Page	NAME OF IMPLEMENT.	Shipping Weight.	Stock, Com- plete, no blade.	Standards, Each.	Finished Beam Complete.	Finished Pair Handles.	Stock, without Standard.	Burster Blade.	Dixon Sweeps.	Set Handle Clips.
. . .	Perfection Steel Beam,	26	\$2 25	\$0 50	\$1 75	\$0 75	\$2 00	. . .	. . .
35	Georgia Single Wood Beam	20	1 50	50	40	60	75	. . .	. . .	\$0 10
35	Stapler Single Wood Beam	20	1 75	50	40	70	80	. . .	. . .	10
36	Universal Single Wood Beam	22	2 00	50	40	60	90	. . .	. . .	10
37	Georgia Double "V" Wood Beam	32	3 25	50	1 00	50	1 50	. . .	. . .
37	Planter's Friend Dou- ble Wood Beam . . .	35	3 75	50	1 50	50	2 00	. . .	. . .
36	Lone Star Single Wood Beam	32	3 50	1 50	1 25	75	2 00	2 00	\$0 75	

IMPROVED CAST AND STEEL COMBINATION PLOW AND STOCK.

See Cut of Stock on Page	NAME OF IMPLEMENT.	Shipping Weight.	Complete, with all Attach- ments.	Stock and Standard only.	Scraper Blade and Bolts.	Sweep Blade and Bolts.	Turning Plow and Extra Point.	Standard, with Wheel and Tongue 3 Bolts.	Scraper Sweep and Tongue	Finished Beam.	Finished Pair Handles	Extra Point.	Land- side.
38	Improved Cast Georgia Plow Stock, }	45	\$4 75	\$1 00	. . .	\$0 75	\$1 00	. . . .	. . . .	\$0 50	\$0 50	\$0 20	\$0 30
39	Combination Steel Scraper, }	74	6 50	3 00	\$1 00	75	2 25	\$1 50	\$0 15	50	50	60	40

SCRAPERS AND SWEEPS.

See Cut of Stock on Page	NAME OF IMPLEMENT.	Shipping Weight.	Scraper or Sweep, Complete.	Either Scraper Blade, Bolted.	Sweep Blade, Bolted.	Standard, with 2 Bolts.	Finished Beam.	Finished Pair Handles.	Scraper Tongue.	Sweep Tongue.
40	Steel Scraper with Plain Standard,	40	\$8 50	\$1 00	. . .	\$1 25	\$0 50	\$0 50	. . .	. . .
39	Steel Scraper with Combination Standard,	42	3 75	1 00	\$1 00	1 50	50	50	\$0 15	\$0 15
39	Mitchell Scraper,	47	3 75	1 00	. . .	1 50	50	50	. . .	. . .
40	Steel Sweep with Plain Standard,	40	3 50	. . .	1 00	1 25	50	50	. . .	. . .
40	Steel Sweep with Combination Standard,	42	3 75	1 00	1 00	1 50	50	50	. . .	15

CULTIVATING IMPLEMENTS.

See Cut of Implement on Page	NAME OF IMPLEMENT.	Shipping Weight.	Price, Complete, as shown in Cut.	Teeth, Each.	Frame Only.	Stock only, Complete.	Expanding Brace or Spreader.	Beam.	Beam Clamp.	Finished Handles, per Pair.	Draw- Head.								
30	Avery's Cultivating Harrow.	50	\$7 00	\$0 30	\$5 00	\$2 25	\$0 35	\$0 45	\$0 20	\$0 60	\$0 30								
			Price, Complete, as shown in Cut.	Blades, Each.	Standards, Center Bar, Each.		Side Bar.	Finished Beam.	Finished Pair Han- dles.	Handle Brace.	Spreader, per Pair.								
40	Avery's Expanding Cultivator, Wood Frame	{ 50 75	{ \$5 00 \$7 00	{ \$0 25 25	{ \$0 35 35	{ \$0 40 60	{ \$0 35 75		{ \$0 75 75	{ \$0 40 40	{ \$0 50 60								
		Shipping Weight.	Complete, as shown in Cut.	Blades.	Brace and Standards, Each.	Finished Beams.	Finished Pair Han- dles.												
50	Avery's "Farmer's Delight "	48	\$8 00	\$0 20	\$0 40	\$0 75	\$0 75												
			Complete, as shown in Cut.	Blades.	Brace and Standards, Each.	Finished Beams.	Finished Pair Han- dles.												
		Shipping Weight.	Shipping Weight.	Complete with No. 1 Blades and Lever.	Complete with No. 1 Blades Attachment.	No. 1, Each.	No. 2, Each.	Nos. 3 and 4, Pair.	No. 5, Each.	Nos. 6 and 7, Pair.	No. 8, Each.	No. 9, Each.	No. 10, Each.	Nos. 11 and 12, Pair.	Nos. 13 and 16, Pair.	No. 14, Each.	Gauge Wheel.	Finished Handles, per Pair.	
47	Avery's Steel Frame Trucker,	{ 52 62	{ \$6 00 \$6 50	{ 5-tooth 7-tooth	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00	{ \$8 50 \$9 00
		Shipping Weight.	Complete without Lever.	Complete with Lever.	Gauge Wheel.	Teeth, per Dozen.													
49	Avery's Orch. Harrow, 14-tooth.	50	\$8 00	\$9 00	\$0 70	\$2 00													
			Complete, as shown in Cut.	Turning Plow.	Bull and Calf Tongue.	Sweep.	Wrench.	Wheel.	Standard.	Finished Handles, per Pair.									
26	Avery's New Garden Plow.	15	\$3 00	\$0 25	\$0 25	\$0 25	\$0 15	\$1 25	\$0 80	\$0 75									

EXTRAS AS SHOWN IN CUT, PAGE 55.

EXTRAS AS SHOWN IN CUT.

CYCLONE DISC HARROW—Wood Frame.

See Cat Imple- ment, Page	Ship'g Weight		Price
44	210	No. 00. 4 foot cut, eight 16 inch discs, with trees and neckyoke,	\$31 00
44	300	No. 0. 5 foot cut, ten 16 inch discs, with trees and neckyoke, .	35 00
44	390	No. 1. 6 foot cut, twelve 16 inch discs, with trees and neckyoke,	38 00
44	490	No. 5. 6 foot cut, twelve 20 inch discs, with trees and neckyoke,	45 00
44	100	Full Seeders, extra,	30 00
44	15	Weight Boxes, extra, per pair,	1 50
44	25	Tripletrees (can be used also as doubletrees) and neckyoke, .	3 75
44	20	Doubletrees and neckyoke, extra, per set,	3 00

DANDY DISC HARROW—Steel Frame.

45	380	No. 0. 5 foot cut, ten 16 inch discs, with trees and neckyoke,	\$37 50
45	436	No. 1. 6 foot cut, twelve 16 inch discs, with trees and neckyoke,	40 00
45	550	No. 5. 6 foot cut, twelve 20 inch discs, with trees and neckyoke,	48 00
45	100	Full Seeders, extra,	30 00
45	15	Weight Boxes, extra, per pair,	1 50
45	25	Tripletrees (can be used also as doubletrees) and neckyoke,	
		extra, per set,	3 75
45	20	Doubletrees and neckyokes,	3 00

SAFETY DISC HARROW—Steel Frame.

46	380	No. 0. 5 foot cut, ten 16 inch discs, with trees and neckyoke, .	\$37 50
46	436	No. 1. 6 foot cut, twelve 16 inch discs, with trees and neckyoke,	40 00
46	550	No. 5. 6 foot cut, twelve 20 inch discs, with trees and neckyoke,	48 00
46	50	Half Seeders, right or left, each,	15 00
46	25	Tripletrees (can be used also as doubletrees) and neckyoke, .	3 75
46	20	Doubletrees and neckyoke, extra, per set,	3 00

AVERY'S WESTERN CULTIVATOR—RIDING CULTIVATOR.

58	450	Avery's Western Cultivator, with either open or round break-pin feet, and four regular blades and two calf tongues, .	\$46 00
58	. . .	Avery's Western Cultivator, with either open or round spring-back feet,	50 00
		"U" steel doubletrees and neckyokes with above.	

AVERY'S NEW SOUTH CULTIVATOR.

59	450	Avery's New South Cultivator (parallel gang), with four regular blades and two calf tongues,	\$44 00
59	. . .	Avery's New South Cultivator (rigid gang), with four regular blades and two calf tongues,	44 00
		"U" steel doubletrees and neckyokes with above.	

AVERY'S COMET CULTIVATOR—WALKING CULTIVATOR.

61	280	Avery's Comet, break-pin, with four shovel blades and two extra calf tongues,	\$30 00
61	. . .	Avery's Comet, spring-trip, with four shovel blades and two calf tongues,	34 00
		"U" steel doubletrees and neckyokes with above.	

CULTIVATING IMPLEMENTS—Continued.

See Cut of Implement on Page	NAME OF IMPLEMENT	Shipping Weight.	Complete with 3 Shovels, 2 Scrapers, and 1 Chopper Blade	Extra Chopper Blades, Each.	Extra Semi- per Blades, per Pair.	Extra Shovel Blades, with Bolts, Each.	Finished Beams, per Pair.	Finished Handles, per Pair.	Right and Left Standards.	Springs, per Pair.
68	Avery's Cotton Chopper,	64	57 00	12 in., \$0 70 14 in., 75 16 in., 80 18 in., 90 20 in., 1 00	\$0 80	\$0 30	\$0 75	\$0 60	\$0 50	\$3 50

PLANTERS.

See Cut of Implement on Page	NAME OF IMPLEMENT.	Shipping Weight.	Complete, as per Cut.	Steel Blades, Bolted, Each.	Steel Cov- er and Bolt, Each.	Hopper or Seed Box.	Feed Slides.	Pitman.	Wheel.	Finished Exams.	Finished Handles, per Pair.				
66	Avery's Bull Tongue Corn Planter, WRIGHT'S PATENT.	60	\$10 00	\$1 00	\$0 40	\$1 00	\$0 15	\$0 40	\$1 20	\$0 50	\$0 80				
See Cut of Implement on Page	NAME OF IMPLEMENT.	Shipping Weight.	Cotton Planter, Complete.	Corn At- tachment.	Draw Head	Furrow Opener.	Wheel.	Wheel Axle and Crank.	Agitator.	Agitator Axle.	Cover, with Springs.	Finished Handles, per Pair.	Hopper Bottom.	Feed Slides	Malleable Thumb Screw.
66	Avery's "Harris" Dow-Low Cotton Planter and Corn Attachment.	62	\$5 00	\$2 00	\$0 40	\$0 40	\$1 00	\$0 25	\$0 25	\$0 20	\$1 00	\$0 75	\$0 40	\$0 20	\$0 10
See Cut of Implement on Page	NAME OF IMPLEMENT.	Shipping Weight.	Planter Only, Complete.	Fertilizer Attachment.											
64	Avery's "Louisville" Planter, . .	130	\$14 00	\$6 00											

NOTE.—Made also with Fertilizer Attachment.

Price List of the "Simple" Sulky Plow and Extras.

OUT OF IMPLEMENT, PAGE 52.

WITH NEW PATTERN STEEL WHEELS.	CLIPPER OR TEXAS BOTTOMS.				
	8-inch	10-inch	12-inch	14-inch	16-inch
Sulky, complete, with Neckyoke, Tripletrees, Rolling Coulters, Weed Hook, Extra Point, Wrench, and Oil Can,	\$15 00	\$15 00	\$15 00	\$17 50	\$17 50
Sulky Carriage (without complete plow bottom), with Tripletree, Wrench, and Oil Can,	25 00	25 00	25 00	25 00	25 00
Steel Points, with Bolts,	2 00	2 50	3 00	3 50	4 00
Chilled Cast Points, with Bolts,	70	70	75	80	80
Steel Landsides, with Bolts,	1 00	1 00	1 00	1 25	1 25
Steel Mold-boards, with Bolts,	4 00	4 50	5 00	5 50	6 00
Rolling Coulters, complete, with Patent Attachment, 15-inch,	6 00	6 00	6 00	6 00	6 00
Tripletrees, Patent-Steel, No. 1,	4 40	4 40	4 40	4 40	4 40
Extra Plow Bottoms, with Steel Beam Coulters, Weed Hook, Clevis, and Extra Point, fitted ready to attach to carriage,	20 00	20 00	20 00	22 50	22 50
Rod Breaker Bottoms, with Steel Beam, with Fin Cutter and Extra Point, without Rolling Coulters,			10 00	10 00	10 00
Extra Points for same,			2 25	2 50	2 75
Fin Cutters for same,			50	50	50
Steel Burster Blade, with Iron Foot, Bolts, and Washer, complete, extra,	5 00	5 00	5 00	5 00	5 00
Stalk Cutter Attachment, complete,	17 00	17 00	17 00	17 00	17 00

LIST PRICES OF EXTRAS FOR SIMPLE SULKY.

Cut of Extras, Page 55.

E 15 Mall. Land Wheel Quadrant,	\$0 50	E 306 Frog (New Series),	\$2 75
E 41 Mall. Pawl Case,	20	E 307 Mold-board Bruce (New Series),	1 50
E 43 Mall. Pawl Case for E 200 and E 211,	20	E 308 Landside, with Bolts (New Series),	\$1 25 to 1 40
E 200 Mall. Pawl Case,	35	E 309 Point Clip,	10
E 204 Mall. Coulters Yoke, L. H. (Old Style),	1 00	E 317 Seat Spring,	1 25
E 205 Mall. Coulters Yoke, R. H. (Old Style),	1 00	E 318 Coulters Stem (Old Style),	1 00
E 209 Mall. Trigger,	25	E 319 Coulters Stem Plate (Old Style),	1 10
E 213 Mall. Clevis Jaw, R. H.,	50	E 321 Wood Bushing for Coulters,	10
E 214 Mall. Clevis Jaw, L. H.,	50	E 330 Linch-pin,	10
E 316 Mall. Three-horse Twisted Shackle and Pin,	30	E 331 Arch for Frame,	3 50
E 217 Mall. Clevis Pin,	10	E 332 Main Axle,	3 00
E 223 Linch-pin Washer,	10	E 333 Short Axle, with Nuts,	1 00
E 226 Mall. Coulters Hub (Half),	30	E 334 Hound,	1 30
E 227 } Split Collar (Bolted),	80	E 335 Hound Brace (Steel),	60
E 234 Wheel Box (with Bolt),	30	E 336 Plow Lever (Complete),	1 00
E 237 Beam Link Casting,	30	E 337 Land Lever (Complete),	1 20
E 250 Lifting Quadrant, R. H.,	80	E 338 Grass Rod,	10
E 252 Cant Washer (Outside),	20	E 339 Grass Rod Washer,	15
E 253 Pole Casting, with Hook Bolt,	40	E 340 Beam Link, with Bolts, etc.,	10
E 254 Cant Washer (Inside),	20	E 341 Bell Crank,	70
E 258 Saddle Clamp,	15	E 342 Lever Link, with Bolts, etc.,	25
E 264 Saddle,	1 20	E 343 Coulters Blade, 16-inch,	3 50
E 265 Socket Crank, with Spindle,	2 10	E 344 Stirrup for Beam Saddle,	20
E 266 Large Wrench,	25	E 345 Stirrup to hold Steel Beam Walking Plow to Saddle,	25
E 268 Bottom Clamp for Coulters (New Style),	50	E 346 Coulters Stem (New Style),	60
E 269 Top Clamp for Coulters (New Style),	50	E 347 Coulters Band, with Nuts,	25
E 303 Mold-board Bruce (Old Series),	1 00	Clevis, Complete,	2 00
E 305 Steel Beam (New Series),	7 50	Wheel, with Box and Bolt,	4 00
		Coulters, Complete, with Arms, Hubs, etc.,	6 00

The following are for Left Hand Sulkies only, and the only castings on a left hand differ from a right hand:

E 251 Lifting Quadrant for L. H. Sulky,	\$0 80
E 267 Socket Crank and Spindle, same shape as E 265,	2 10
E 280 Bottom Clamp for Coulters (New Style),	50
E 281 Top Clamp for Coulters (New Style),	50
E 348 Bell Crank for L. H. Sulky, same shape as E 341,	70

List Prices of Extras for Old Style Blue Grass Sulky Plow.

E 43 Malleable Pawl for E 200,	\$0 18
E 200 Malleable Pawl Case for E 316,	35
E 201 Bell Crank Plow Lift,	70
E 202 Bell Crank Plow Lift Link,	80
E 203 Bell Crank Plow Lift Drop Link,	40
E 204 Half Coulter Yoke, R. H.,	1 00
E 205 Half Coulter Yoke, L. H.,	1 00
E 206 Lifting Quadrant, R. H.,	1 20
E 207 Lifting Quadrant, L. H.,	1 20
E 208 Collar for Plow Saddle, with Set Screw (see E 227 and E 228),	40
E 209 Bell Crank for E 43,	25
E 210 Wheel Collar for Axle,	15
E 211 Doubletree Center Clip,	65
E 212 Wedge for adjusting Plow,	15
E 213 Clevis Jaw, R. H.,	50
E 214 Clevis Jaw, L. H.,	50
E 215 Cross Clevis, with Screw Pin and Brace,	90
E 216 Three-horse Twisted Shackle and Pin,	80
E 217 Cross Clevis Pin,	10
E 220 Wrench, large,	55
E 221 Top Piece Open Plow Saddle, with Bolts,	1 75
E 222 Bottom Piece for Open Plow Saddle,	85
E 223 Linch-pin Washer,	10
E 224 Polo Clip,	40
E 225 Axle Collar and Set Screw,	50
E 226 Half of Coulter Hub,	80
E 227 Upper Half of Collar for E 221 and E 222,	20
E 228 Lower Half of Collar for E 221 and E 222,	20
E 229 Layer Socket for Old Series Lever,	05
E 230 Solid Saddle (see E 221 and E 222),	1 75
E 231 Tool Box,	65
E 232 Beam Washer,	15
E 233 Grass Rod Washers and Bolt,	40
E 300 Old Series Steel Beam,	7 20
E 301 Old Series Frog,	1 40
E 302 Old Style Knuckle Brace,	75
E 303 Old Series Mold-board Brace,	1 00
E 304 Old Series Landside, with Bolts,	1 80
E 305 New Series Steel Beam,	7 60
E 306 New Series Frog,	2 75
E 307 New Series Mold-board Brace,	1 50
E 308 New Series Landside, with Bolts,	\$1 25 to 1 40
E 309 Point Clip,	10
E 310 Arch for Frame,	4 25
E 311 Main Axle,	5 40
E 312 Short Axle,	1 20
E 313 Polo Brace,	2 50
E 314 Beam Rest,	1 00
E 315 Polo Brace Spreader,	1 00
E 316 Compound or Lifting Lever, complete, new series,	8 00
E 317 Seat Spring,	1 25
E 318 Coulter Shank,	1 00
E 319 Coulter Shank Plate,	1 10
E 320 Connecting Rod for E 209 and E 43,	15
E 321 Wood Bushing for Coulter,	10
E 322 Pivoting Bolt for E 201,	15
E 323 Pivoting Bolt for E 316,	45
E 324 Pivoting Bolt for E 311,	75
E 325 Pivoting Bolt for E 203,	50
E 326 Grass Rod,	85
A 25 Seat,	1 20
Clevis, complete,	2 00

To replace E 230, use E 221 and E 222. To replace E 208, use E 227 and E 228.

Special Note.—In ordering above repairs, examine carefully old parts and see whether letter X follows the distinguishing letter, namely, B, or BX. Be careful to so specify. The Old Series were lettered A, B, C, etc. The New Series (October, 1890) are lettered AX, BX, etc.

List Prices of Coulters, Gauge Wheels, and Other Attachments.

AS SHOWN AND NUMBERED ON PAGES 72 AND 73.

PLEASE USE DESCRIPTIVE NUMBERS IN ORDERING.

Avery's Patent "Moon" Castor Rolling Coulters and Plow Gauge.

SEE CUT ON PAGE 71.

	LIST PRICE.
No. 1. For Plows of 6 to 8 inch cut, inclusive; weight, 12 pounds,	\$2 50
No. 2. For Plows of 9 to 12 inch cut, inclusive; weight, 16 pounds,	3 00
No. 3. For Plows of 13 to 16 inch cut, inclusive; weight, 19 pounds,	3 50
No. 1. Coulters, $1\frac{1}{2} \times 3\frac{1}{2} \times 14$ inch, with malleable bracket, same as shown in Cut No. 12, with small plow, for one-horse chilled plows,	\$1 20
No. 2. Coulters, $1\frac{1}{2} \times 3\frac{1}{2} \times 17$ inch, with malleable bracket, same as shown in Cut No. 12, with small plow, for two-horse chilled plows,	1 50
No. 3. Coulters, $1\frac{1}{2} \times 3\frac{1}{2} \times 15$ inch, with bracket and clamp, for Georgia Stock and Advance plows, Nos. $\frac{1}{2}$ and 1,	1 00
No. 4. Coulters, $1\frac{1}{2} \times 1\frac{1}{2} \times 25$ inch, with clamp and cast wedge, for all one-horse wood or steel beam plows,	75
No. 5. Coulters, $2 \times 1\frac{1}{2} \times 21$ inch, with clamp and cast wedge, for light two-horse wood or steel beam plows,	1 00
No. 6. Coulters, $2\frac{1}{2} \times 3\frac{1}{2} \times 28$ inch, with clamp and cast wedge, for medium two-horse wood or steel beam plows,	1 25
No. 7. Coulters, $2\frac{1}{2} \times 3\frac{1}{2} \times 30$ inch, with clamp and cast wedge, for heavy two-horse wood or steel beam plows,	1 50
No. 8. Coulters, $2\frac{1}{2} \times 3\frac{1}{2} \times 30$ inch, with clamp and wrought side plate, for two-horse sugar-land plows,	1 75
No. 9. Coulters, $2\frac{1}{2} \times 3\frac{1}{2} \times 30$ inch, with clamp and wrought side plate, for four-mule sugar-land plows,	2 40
No. 10. Coulters, $3 \times 2\frac{1}{2} \times 36$ inch, with clamp and wrought side plate, for six or eight-mule plow,	3 50
No. A4. Jumping Coulters, $1\frac{1}{4} \times 1\frac{1}{2} \times 25$ inch, with band and key wedge, for single shovel plows,	75
No. A5. Jumping Coulters, $2 \times 1\frac{1}{2} \times 26$ inch, with band and key wedge, for jumping shovel plows,	1 00
No. 11. Castor Rolling Coulters, with clamps and cast wedge, for wood or steel beam plows. We make 10 inch, at \$2.00; 12 inch, at \$2.25; and 14 inch,	2 50
No. 15. Stiff Shank Rolling Coulters, with clamps and cast wedge, for wood and steel beam plows. We make 10 inch, at \$1.60, and 12 inch,	2 00
No. 12. Chilled Plow Jointer, with malleable bracket and standard, for two-horse chilled plow. Same bracket (with small plow) used with our Nos. 1 and 2 Coulters, complete,	1 50
(Standard only, 50c; Mold-board, with bolts, 30c; Points, with bolts, 30c; Bracket, 60c.)	

In ordering any of the above Coulters state whether for wood or steel beam plows; also the number or size of plow the Coulters is wanted for.

No. A. Gauge Wheel, cast shank; can be used on either side of wood or steel beam plow, with plate and 6 inch or 7 inch wheel, as desired,	\$1 00
No. B. Gauge Wheel, wrought quadrant; used under beam of one and two-horse wood beam plows, with plate and 6 or 8 inch wheel, as desired,	1 00
No. C. Gauge Wheel, wrought stiff shank; can be used on either side of wood beam plow, with band and 9 inch wheel,	1 50
No. C. Same throughout, but with 11 inch wheel,	1 75
No. D. Gauge Wheel, wrought stiff heavy shank and wheel, with adjustable spindle; can be used on either side of very large wood beam plow, with 12 inch wheel,	2 75
No. D. Same throughout, but with 14 inch wheel,	3 50
No. E. Gauge Wheel, cast segment; old series; made right or left hand, for large wood beam plows, with band and 14 inch wheel,	1 75
No. 20. Fin-Cutter Attachment, for steel points; price, for one-horse, 50c; two-horse,	70
No. 25. Knee-Cutter Attachment, for plows; price, for one-horse, \$1.00; two-horse,	1 25
No. 40. The Carraway Scraper; the best scraper made for cotton; fits all our one-horse plows; saves labor and largely increases the yield,	1 25
No. 41. Plain Fenders, for double shovel plows and cultivators, each,	60
No. 45. Square Head Bolts, for one and two-horse plows, per pound,	20
No. 46. Round Head Countersunk Bolts, for one and two-horse plows, per pound,	20

See Cat Imple- ment, Page	Ship'g Weight	AVERY'S NAPOLEON GANG PLOWS.	PRICE.
57	600	2 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 10 inch, . . .	\$55 00
57	600	2 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 12 inch, . . .	60 00
57	600	2 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 14 inch, . . .	70 00
57	700	3 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 10 inch, . . .	90 00
57	700	3 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 12 inch, . . .	97 50
57	900	4 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 10 inch, . . .	105 00
57	900	4 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 12 inch, . . .	116 00
57	1,050	5 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 10 inch, . . .	120 00
57	1,100	5 Furrow Gangs, with Four-horse Eveners and Extra Point, but less Riding Attachments and Coulters, 12 inch, . . .	135 00
. . .	75	Riding Attachments (Seat and Rear Wheel), all sizes, . .	10 00
. . .	25	Rolling Coulters, each (all sizes),	5 00
. . .		Extra Shares, 10 inch,	2 50
. . .		Extra Shares, 12 inch,	3 00
. . .		Extra Shares, 14 inch,	3 50
. . .		Extra Shares, 16 inch,	4 00

AVERY'S "SPIRAL KNIFE" STALK CUTTER.

FOR CORN AND COTTON STALKS.

51	425	Stalk Cutter, single row,	\$44 00
51	650	Stalk Cutter, double row,	64 00

AVERY'S TWO-HORSE CORN PLANTER,

"THE MONARCH."

67	340	Complete Planter, without Check Rower,	\$42 00
67	112	Complete Check Rower,	20 00

RETAIL PRICE LIST OF LOUISVILLE PLANTER AND EXTRAS.

CUT OF EXTRAS, PAGE 65.

32 Chain, per link,	\$0 03	G 203 Opener Standard, left,	\$0 20
G 45 Malleable Foot,	30	G 204 Wheel Scraper,	25
G 46 Corrugated Washer,	05	G 205 Opener Brace,	15
G 47 Blade Washer,	02	G 206 Handle Brace,	15
G 71 Cotton Cone,	40	G 207 Hitch Strap,	20
G 72 Cotton Cone Cap or Cover,	08	G 208 Hopper Axle,	25
G 74 Corn Cone, 4-hole, new style,	60	G 209 Wheel Axle,	25
G 77 Cone Washer,	05	G 210 Axle Pin,	05
G 78 Spring Sleeve,	10	G 211 Wheel Axle Sleeve,	05
G 79 Inside Beveled Wheel,	20	G 212 Spreader Rod, with 4 Nuts,	20
G 80 Outside Beveled Wheel,	20	G 213 Brush,	30
G 82 Driving Wheel,	1 00	G 214 Cotton Cone Spring,	05
G 83 Twelve-Tooth Chain Wheel,	25	G 215 Seed Spout,	60
G 84 Eight-Tooth Chain Wheel,	20	G 216 Sheet Iron Hopper, with Lid,	1 20
G 86 Brush Back,	20	G 218 Spring Heel Hopper Gate,	08
G 88 Hopper Bracket, right,	20	G 219 Opener Standard and Brace, with Malleable Foot,	1 00
G 89 Hopper Bracket, left,	20	G 220 Agitator,	07
G 90 Cast Hopper,	1 50	G 222 Cotton Cone Plungers,	01
G 91 Axle Bracket, right,	40	G 223 Cotter,	08
G 92 Axle Bracket, left,	40	G 224 Cotton Cone, complete,	1 00
G 93 Wrench,	10	G 235 Blade, with Bolt,	25
G 94 Shackle and Pin,	15	G 236 Wing Nut Bolt,	05
G 200 Beam,	1 00	Finished Pair Handles,	80
G 201 Beam,	1 00	Round Head Hopper Bolts, each,	02
G 202 Opener Standard, right,	20		

LIST PRICES OF STEEL TREES, AVERY'S PATENTS.

CUTS OF TREES, PAGE 69.

"U" STEEL SINGLE AND DOUBLETREES.

Weight per dozen	SIZE	Price per dozen
47 lbs.	22 inch Single,	\$5 50
50 lbs.	24 inch Single,	5 75
54 lbs.	26 inch Single,	6 00
59 lbs.	28 inch Single,	6 75
61 lbs.	30 inch Single,	8 25
77 lbs.	32 inch Single,	9 00
89 lbs.	36 inch Double,	10 50
150 lbs.	40 inch Double,	14 50
160 lbs.	44 inch Double,	16 50
175 lbs.	48 inch Double,	18 00

SETS "U" STEEL DOUBLETREES.

Weight per set	SIZE	Price per set
15 lbs.	No. 1. Two 24 and one 36 inch,	\$1 83
16 lbs.	No. 2. Two 26 and one 36 inch,	1 87
18 lbs.	No. 3. Two 28 and one 36 inch,	2 00
19 lbs.	No. 4. Two 30 and one 36 inch,	2 25

FOR WAGONS, WITH HOOKS IN DOUBLETREES FOR STAY CHAINS.

23 lbs.	No. 5. Two 30 and one 40 inch,	2 58
26 lbs.	No. 6. Two 32 and one 40 inch,	2 70
27 lbs.	No. 7. Two 32 and one 44 inch,	2 87
28 lbs.	No. 8. Two 36 and one 44 inch,	3 12
30 lbs.	No. 9. Two 36 and one 48 inch,	3 25

"U" STEEL TRIPLETREES.

REGULAR—For Walking and Sulky Plows.

No. 1	{ 1—42 inch 2—30 inch 3—26 inch }	\$4 40	Wt. 38 lbs.	No. 2	{ 1—42 inch 2—30 inch 3—28 inch }	\$4 60	Wt. 40 lbs.
No. 3	{ 1—48 inch 2—34 inch 3—30 inch }	\$5 00	Wt. 48 lbs.	No. 4	{ 1—48 inch 2—34 inch 3—32 inch }	\$5 20	Wt. 53 lbs.

CENTER DRAFT (OR POLE).

1—40 inch	{	\$6 00	Wt. 49 lbs.
2—30 inch			
3—26 inch			

FOUR-HORSE EVENERS—For Sulky or Gang Plows.

WITH WOOD EVENER BARS.

No. 1	{ 1—66 inch 2—36 inch 4—26 inch }	\$6 00	Wt. 55 lbs.	No. 2	{ 1—66 inch 2—36 inch 4—28 inch }	\$6 50	Wt. 57 lbs.
No. 3	{ 1—66 inch 2—36 inch 4—30 inch }	\$7 00	Wt. 59 lbs.				

"U" STEEL NECKYOKES—For Implements, Wagons, Etc.

Light, per dozen,	\$12 00	Weight, per dozen,	90 lbs.
Heavy, per dozen,	14 00	Weight, per dozen,	112 lbs.

WOOD TREES.

Weight per dozen	SIZE	Price per dozen
33 lbs.	Wood, 26 inch Single, with wrought clips,	\$2 20
57 lbs.	Wood, 36 inch Double, with wrought clips,	4 75
32 lbs.	Wood, 26 inch Single, with patent malleable clips,	3 25
54 lbs.	Wood, 36 inch Double, with patent malleable clips,	6 50

AVERY'S No. 48x (PARALLEL GANG) COMBINED RIDING AND WALKING CULTIVATOR.

See Cat Imple- ment. Page	Ship'g Weight		PRICE
60	115	Avery's No. 48x, break-pin, with four shovel blades and two calf tongues,	\$40 00

AVERY'S No. 39x (PARALLEL GANG) WALKING CULTIVATOR.

62	280	Avery's No. 39x, break-pin, with four shovel blades and two calf tongues,	\$30 00
62	. . .	Avery's No. 39x, spring-trip, with four shovel blades and two calf tongues,	35 00

AVERY'S No. 31x TONGUELESS CULTIVATOR. "THE SPEECHLESS."

63	200	Avery's No. 31x, break-pin, with four shovel blades and two calf tongues,	\$25 00
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NEW COTTON BOLL STEEL PLOW.

See Cat of Plow on Page	No. of Plow.	Cut of Plow, Inches	Shipping Weight.	Wood Beam Plow and Extra Point.	Point.	Mold- Board.	Land- side.	Pair Finished Handles.	Finished Beam.
18	6 $\frac{1}{2}$	6 $\frac{1}{2}$	50	\$5 75	\$0 80	. . .	. . .	. . .	. . .
18	7	7	54	6 50	90	. . .	. . .	. . .	. . .
18	8	8	60	7 00	1 00	. . .	. . .	. . .	. . .
18	9	9	80	10 50	1 85	. . .	. . .	. . .	. . .
18	10	10	85	11 50	1 50	. . .	. . .	. . .	. . .

B. F. AVERY & SONS, LOUISVILLE, KY.

MEMORANDA.

TO THE BOARD OF DIRECTORS
FROM THE MANAGER
SUBJECT: [Illegible]

[The remainder of the memorandum text is illegible due to extreme fading.]

UNITED STATES DEPARTMENT OF AGRICULTURE,

DIVISION OF STATISTICS.

WASHINGTON, D. C., September 14, 1893.

TO MESSRS. B. F. AVERY & SONS, Louisville.

SIRS: In the appended tabular statement there are presented the figures of the production and the farm price of cotton and the principal cereals in the United States for the period 1888 to 1892. This office has made no estimate of the cotton production of the United States since 1888.* The figures for cotton production given in the table are taken from "Cotton Movement and Fluctuations," by Latham, Alexander & Co., for 1892.

Yours truly,

HENRY A. ROBINSON,

Statistician.

See page 96 for New Orleans Cotton Exchange statistics of cotton crop of the United States.

PRODUCTION OF COTTON AND CEREALS IN UNITED STATES.

(Official.)

YEARS.	WHEAT.	CORN.	OATS.	COTTON.*
	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bales 400 lbs. each.</i>
1888,	415,868,000	1,987,790,000	701,735,000	8,079,000
1889,	490,560,000	2,112,892,000	751,515,000	8,525,000
1890,	399,262,000	1,489,970,000	523,621,000	10,170,000
1891,	611,780,000	2,060,154,000	738,394,000	10,595,000
1892,	515,949,000	1,628,464,000	661,035,000	8,875,000

Cotton production for 1887, 8,000,000 400-pound bales.

* See page 96 for statistics of cotton crop of the United States.

FARM PRICES OF CEREALS AND COTTON IN THE UNITED STATES ON DECEMBER 1st OF EACH YEAR.

YEARS.	WHEAT.	CORN.	OATS.	COTTON.
	<i>Cents per Bushel.</i>	<i>Cents per Bushel.</i>	<i>Cents per Bushel.</i>	<i>Cents per Pound.</i>
1888,	92.6	34.1	27.8	8.5
1889,	69.8	28.3	23.0	8.3
1890,	83.8	50.6	42.4	8.6
1891,	83.9	40.6	31.5	7.8
1892,	63.4	39.3	31.7	8.4

Average price of cotton on December 1, 1887, 8.5 cents.

COTTON CROP OF THE UNITED STATES.

(From official report of Secretary Henry G. Hester, New Orleans Cotton Exchange, Sept. 1, 1893.)

BALES 500 POUNDS.

AMERICAN COTTON CROP FOR FOUR YEARS.

(Year ending close of August.)

	1892-93.	1891-92.	1890-91.	1889-90.
Port receipts,	5,088,392	7,137,900	6,976,380	5,867,174
Overland to mills,	912,146	1,253,560	1,110,935	937,471
Southern consumption,	713,818	686,080	604,661	546,891
	6,714,386	9,077,540	8,691,976	7,341,539
Less taken by Southern mills from ports,	41,021	42,161	39,379	30,217
Total crops,	6,700,365	9,035,379	8,652,597	7,311,322
EXPORTS—				
Great Britain,	2,307,489	3,315,202	3,329,432	2,850,102
France,	555,239	691,131	559,099	472,737
Continent and Channel,	1,523,639	1,850,541	1,890,291	1,577,601
Canada overland,	58,971	76,560	68,369	55,491
Total exports,	4,445,338	5,933,437	5,847,191	4,955,951
Stock at close of year,	242,631	419,221	227,624	61,396
Northern mills takings,	1,687,886	2,190,766	2,027,362	1,799,258

ACTUAL GROWTH BY STATES.

(Acres and bales in thousands.)

	1891-92.			1892-93.			Per centage product per acre of 1892-93 less than 1891-92.
	Acres.	Prod't pr acre, lbs.	Crop grown, Bales.	Acres.	Prod't pr acre, lbs.	Crop grown, Bales.	
North Carolina,	1,123	164	400	955	152	315	
South Carolina,	2,008	160	700	1,710	141	525	
Georgia,	3,377	151	1,100	2,870	130	800	
Florida,	223	102	60	190	82	40	
Alabama,	2,760	172	1,000	2,345	127	620	
Total Atlantic,	9,491	160	3,260	8,070	133	2,300	17 per cent.
Mississippi,	2,940	212	1,310	2,645	149	850	
Louisiana,	1,283	254	700	1,155	175	635	
Arkansas,	1,718	216	900	1,550	180	600	
Tennessee, etc.,	820	229	400	740	166	265	
Total Gulf,	6,761	231	3,340	6,090	161	2,150	29 per cent.
Texas and Indian Territory,	4,410	275	2,400	3,970	254	2,000	8 per cent.
Total,	20,662	207	9,000	18,130	170	6,450	18 per cent.

WEIGHT OF BALES —1892-93.

	No. Bales.	Average Weight.	Pounds.
Louisiana,	1,602,079	139.91	800,913,375
Texas,	1,106,856	139.41	587,087,491
Alabama,	171,585	139.00	86,135,670
Florida, }	197,169	185.98	400,450,985
Georgia, }	289,613	180.00	139,028,640
South Carolina,	505,810	185.18	245,575,263
Virginia,	160,098	182.00	77,167,236
North Carolina,	1,916,795	198.89	956,269,858
Tenn., etc., and consumed in South not above included,	6,700,365	198.77	3,352,658,458
Total crop,	9,035,379		1,506,531,951
Last year,			

B. F. AVERY & SONS'
(INCORPORATED)
Garden Tools



TO THE TRADE:

Herewith we beg to call your attention to a few of our special
GARDEN TOOLS.

They are modern in principle, properly constructed of finest materials and workmanship, therefore render the very best service to truckers and farmers generally.

Discounts to the trade for quantity. Write for prices to Factory or Branch nearest you.

Our 68th Annual Catalogue recently issued (send for a copy) contains a vast array of Cast, Steel, and Chilled Plows, also Planters, Cultivators, Harrows, for every soil and crop.

Garden Tools a specialty.
Established 1825.

B. F. AVERY & SONS, M^{rs},
LOUISVILLE, KY.

Oldest and Largest Plow Works in the United States.

FACTORY AND HEADQUARTERS:

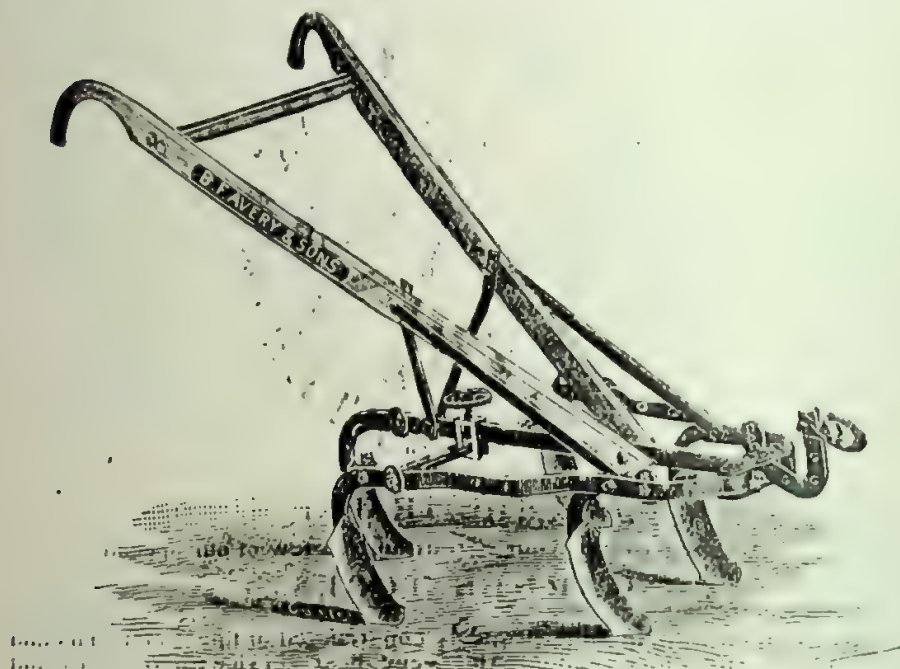
**Fifteenth, Main, Crop, and Rowan Streets,
LOUISVILLE, KY., U. S. A.**

BRANCHES:

**NEW YORK CITY, 41 Dey Street.
FORT WORTH, TEXAS.**

**NEW ORLEANS, LA., 46 Canal Street.
DALLAS, TEXAS.**

Truckers' Cultivator No. A.



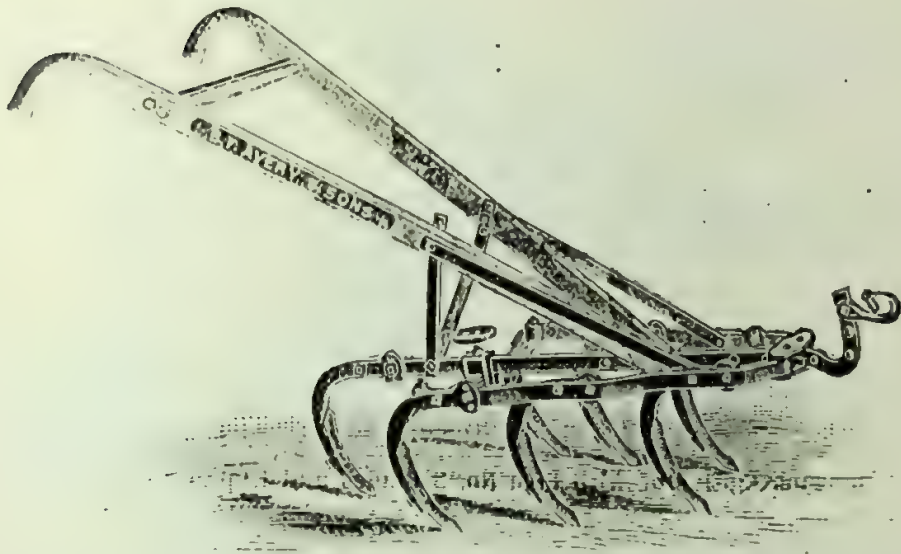
Showing 5-tooth, Steel Frame, Expanding Cultivator with No. 8 Blades.

Extra Holes in Beam to admit Converting into a
7-tooth Cultivator if Desired.

We call particular attention to the Front Handle Braces on our Steel Frame Cultivators and Harrows, which hold the handles absolutely rigid and strengthens the Cultivator throughout. We also call attention to the Wheel Set-Screw, which enables the operator to adjust the contraction or expansion of the Cultivator without resort to a wrench. All our Expanding Steel Frame Cultivators and Harrows have these valuable improvements. Weight 60 pounds.

Order above as Cultivator No. A.

Truckers' Cultivator No. B.

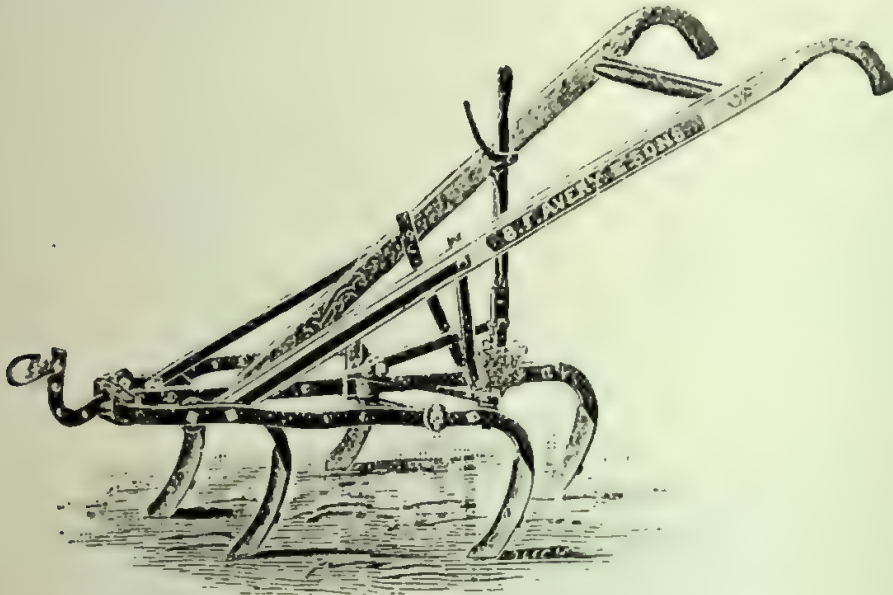


Showing 7-tooth. Steel Frame, Expanding Cultivator with No. 2 Blades.

Same Cultivator as No. A, excepting the two extra feet and the blades thereon. Truckers' Cultivators No. A have the necessary holes in frame for attaching the two extra feet and blades, thus our five-tooth Cultivator can readily be converted into a seven-tooth Cultivator by attaching two extra feet or standards and using No. 2 blades instead of No. 3. Weight 62 pounds.

Order above as Cultivator No. B.

Truckers' Cultivator No. C.



Showing Cultivator with Five No. 3 Blades and Expanding Lever.

In using our No. C Cultivator the operator can, with the Lever, contract or expand it at will, thereby saving both time and labor. Our Lever Attachment is the easiest and best working invention. Weight 55 pounds.

Order above as Cultivator No. C.

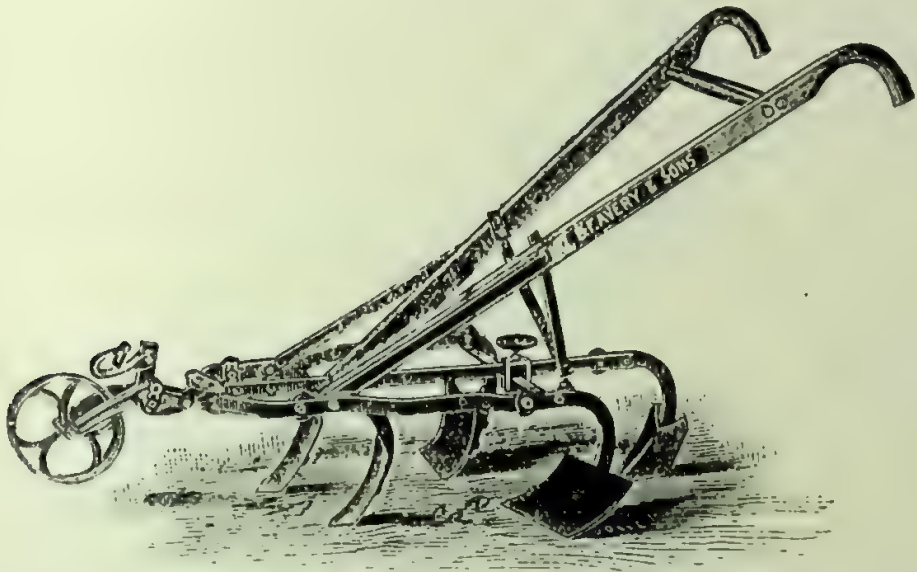
Truckers' Cultivator No. D.

Same as No. C, but with Seven No. 2 Blades.

Weight 57 pounds.

Order above as Cultivator No. D.

Truckers' Cultivator No. E.



Showing Expanding Cultivator with Two No. 3 Blades and One Each of
Blades Nos. 10, 11 and 12 (Horse Hoe), and Gauge Wheel.

The "horse-hoe attachment" consists of one blade each Nos. 10, 11 and 12; is a
very popular and valuable addition to make the Cultivator serviceable for a wider range
of work. Weight 58 pounds.

Order above as Cultivator No. E.

Orchard Harrow No. F.



Showing Expanding Harrow with Fourteen Adjustable or Reversible Teeth.

The clump attachment for each tooth permits setting teeth at a slant or angle, or vertical, as preferred.

These Harrows have the same Handle Braces and Wheel Set-Screw as described on our Steel Frame Cultivators. They are thus superior and deservedly popular implements. Weight 60 pounds.

Order above as Harrow No. F.

Orchard Harrow No. G.

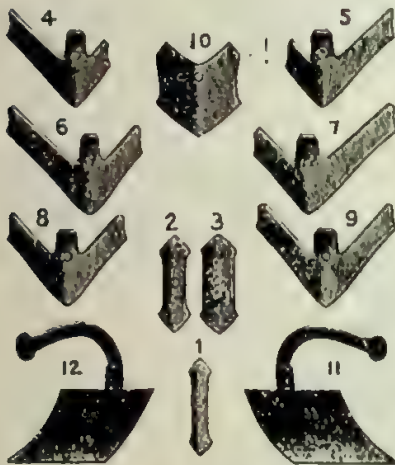


Showing Expanding Harrow with Fourteen Adjustable, Reversible Teeth
and with Expanding Lever.

The Lever on these Steel Frame Harrows works on the same principle as the Lever on Truckers' Steel Frame Cultivators, and make the above a most complete implement whose superior points will be seen wherever used. Weight 65 pounds.

Order above as Harrow No. G.

Extra Blades for Truckers' Steel Frame Expanding Cultivator.



- No. 1. Diamond Point Shovel, 14 inches.
 " 2. " " " 2 "
 " 3. " " " 3 "
 " 4. Half Dixon Sweep, Right, 9 inch
 " 5. " " " Left, 9 "
 " 6. " " " Right, 12 "
 " 7. " " " Left, 12 "
 " 8. Dixon Sweep, 10 inches.
 " 9. " " " 12 "
 " 10. Rear Hiller.
 " 11. Side Hiller, Right.
 " 12. " " " Left
- Horse Hoe attachment consists of one each
 Nos. 10, 11 and 12.
- Gauge Wheel for Truckers Cultivator and
 Orchard Harrow interchangeable.

Order the above Blades by Number Opposite Each. These Blades we send
 Polished, Blued and with Bolts In.

B. F. AVERY & SONS

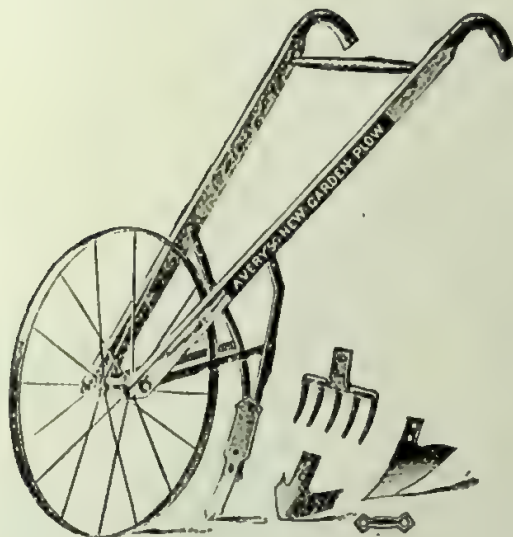
Are the Sole Manufacturers of the

Original and Genuine Pony Plow,

The World's Most Popular One-Horse Steel Plow.

Also Manufacture a Superior Line of One-horse Cast, Steel, and Chilled Plows
 of their various Original and Effective Models, besides Sulky
 and Gang Plows and many other Specialties in
 Plows and Plow Goods.

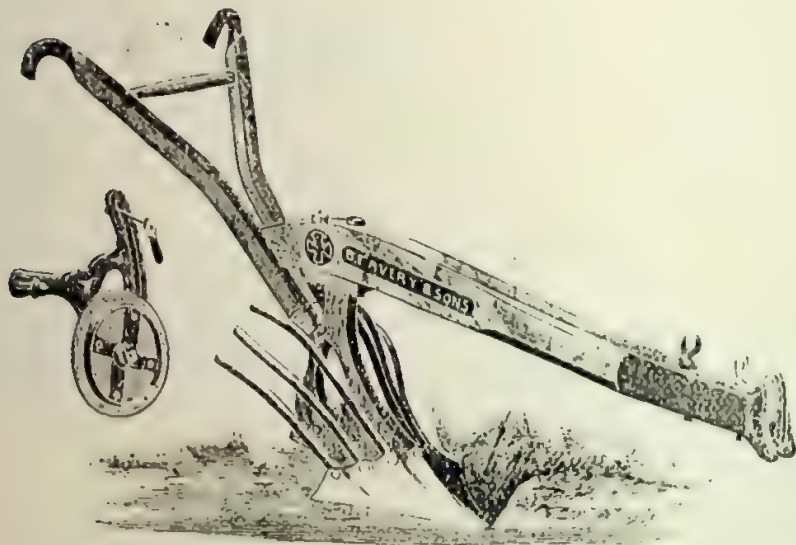
Avery's New Garden Plow.



Our old Garden Plow has for years held a deservedly high reputation. Our new one is even better. Has a 24-inch steel wheel; plow is metal throughout, except the wood handles; handles adjustable to suit the height of the gardener, whether a small child or a tall man. The blades comprise (1) a turning shovel, (2) a sweep (or weeding blade), and (3) a double-end, reversible furrow opener (calf and bull tongue) blade; also (4) a rake—all shown above, besides a wrench. Any of these blades are easily attached or detached, and by their use a boy or girl of ten years can easily keep a garden in good order, working the plants more effectively with this handy, light plow than a man with a hoe. "You gently push the plow, the blades do the rest." In a word, it is the perfection of labor-saving implements for working all kinds of garden beds, and no progressive garden owner should be without it, either in town or country. Get profit and pleasure out of your garden. Weight 18 pounds.

Order above as New Garden Plow, Complete.

Avery's Steel Point Potato Digger.

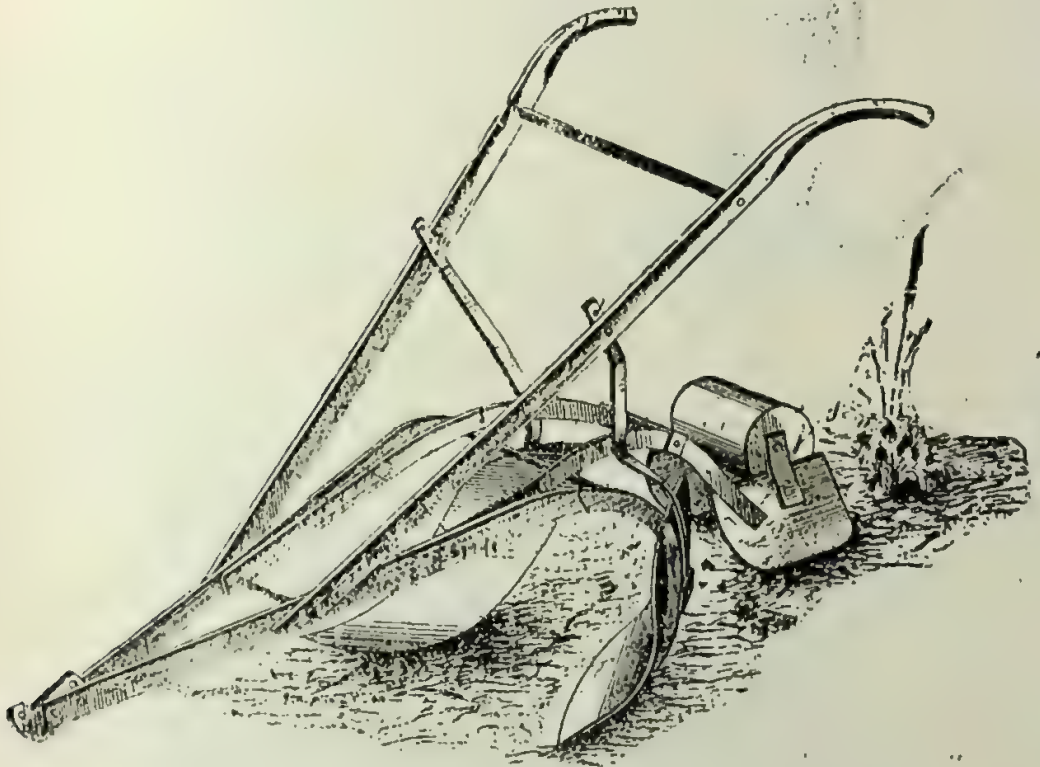


Sent Without Extra Point and Without Vine Cutter.

The ribbed surface of the share causes the earth to gather in and follow the grooves separating from the potatoes, which come promptly to the surface of the pulverized soil. By reason of the fingers being half rounded, and of superior spring steel, the potatoes are lifted out of the ground without being cut or bruised. The vine cutter, being a solid wheel with knife in center, prevents plowing too deep; also prevents cutting potatoes, but cuts the vines and prevents the plow from chocking up; also steadies the plow. The rudder at the heel, by means of the bolt and slot, can be adjusted to run the Digger deep or shallow as desired. Vine cutter costs extra, adds to its utility and smoothness of work in heavy vines. We make both cast and steel repair points for the Digger. Strongly built. Thousands in use. Weight 80 pounds.

Tobacco Bedder and Cultivator.

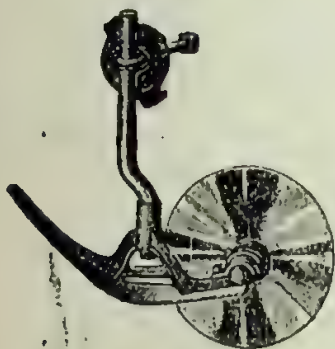
Useful also for Making Potato and other Hills or Beds.



Wyatt's Patent. A tool for forming hills or ridges in which to set tobacco plants. Consists of a double beam with right and left hilling blades and inclined plates, followed by a roller mounted between the plates. The blades turn or bed the soil toward the center, the plates press the sides of the ridge thus formed, slightly compacting the same, while at the same time the roller rides over the top of the ridge pressing the same gently downward.

B. F. AVERY & SONS, Sole Manufacturers, LOUISVILLE, KY.

Patent "Moon" Rolling Coulters AND PLOW GAUGE.



Saves in draft as compared with tin cutter or jointer fully 35 per cent. in plowing soil lands, and for marsh work has surpassed the expectations of all using them, being simply perfect. This Coulters enables an ordinary Walking Plow to turn perfectly any growth of mammoth clover, strawberry or other vines, stalks, weeds or Johnson grass, or matted and tangled growths of any kind without clogging, because of the patented shoe or gauge in the center of which the Coulters revolves. This shoe presses down all weeds and trash, and holds same firmly while being cut by the Coulters, and prevents tough grass from doubling over its edge and clogging it in soft soil. The center of disc runs within one inch of the surface of the ground, consequently the cutting point

is on a horizontal line with its center, or nearly so, thus overcoming the tendency to roll over trash and throw the plow out of the ground, as is the case with other Coulters. It is a perfect gauge as to depth (adjustable up or down), and no wheel or jointer is needed with Coulters in use. It is surprisingly good—we have hundreds of testimonials.

RETAIL PRICES.

No. 1, for Plows of 6 to 8-inch Cut (inclusive)	\$2 50
No. 2, for Plows of 9 to 12-inch Cut (inclusive)	3 00
No. 3, for Plows of 13 to 16-inch Cut (inclusive)	3 50

NOTE SPECIALLY—These Coulters are made in three sizes, and adapted to plows cutting from six to sixteen inches. In ordering be careful to state whether wanted for Wood or Steel Beam Plows. Clamps for wood beams always furnished, unless ordered especially for steel beam.

REMEMBER THIS: Do not order these Coulters according to size of other rolling coulters used. Order them by the numbers above given for the respective sizes (cut) of plows on which they are to be used (and state whether wanted for wood beam or steel beam plow).

BECAUSE, while the ordinary rolling coulters cuts only within two or three inches of the center, the "Moon" Coulters cuts within one inch of the center of the disc. The "Moon" cuts into and through the weeds and trash, where the ordinary coulters rides on top of it. The No. 1 "Moon" Coulters (8 inches) is equal and superior in capacity to the ordinary 10-inch Coulters; the No. 2 "Moon" (10 inches) does the work of an ordinary 13-inch Coulters, and the No. 3 "Moon" (12 inches) equals an ordinary 15 inch Coulters in capacity.

RIDING AND WALKING CULTIVATORS

MANUFACTURED BY

B. F. AVERY & SONS,

INCORPORATED.

Established 1825.

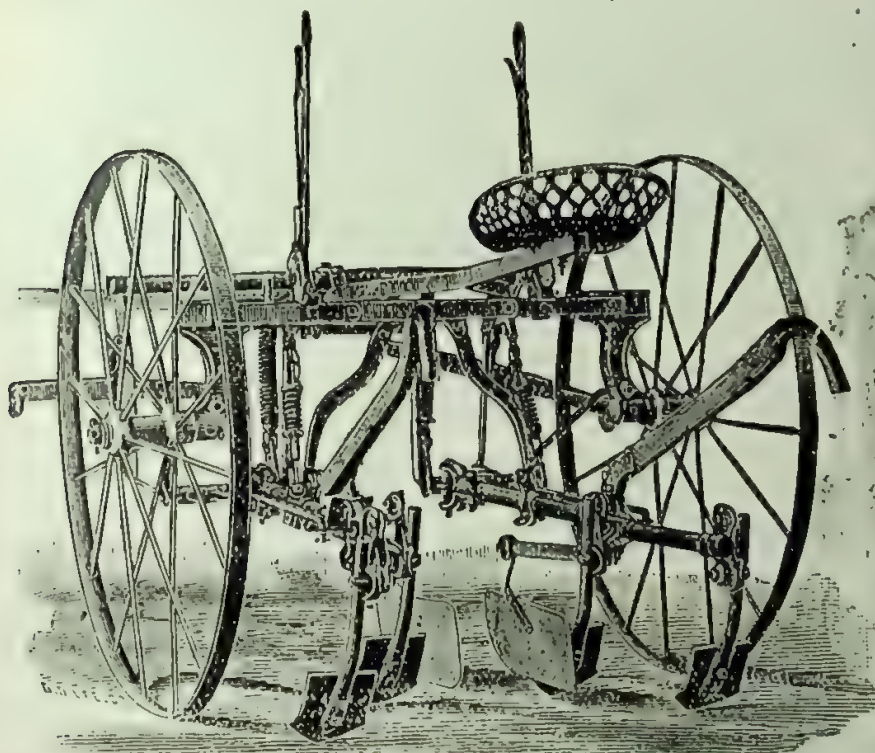


LOUISVILLE, KY.

BRANCHES:

NEW YORK, 41 DEY STREET.
DALLAS, TEXAS.

NEW ORLEANS, 46 CANAL STREET.
FORT WORTH, TEXAS.



No. 176.

Avery's New South Cultivator,

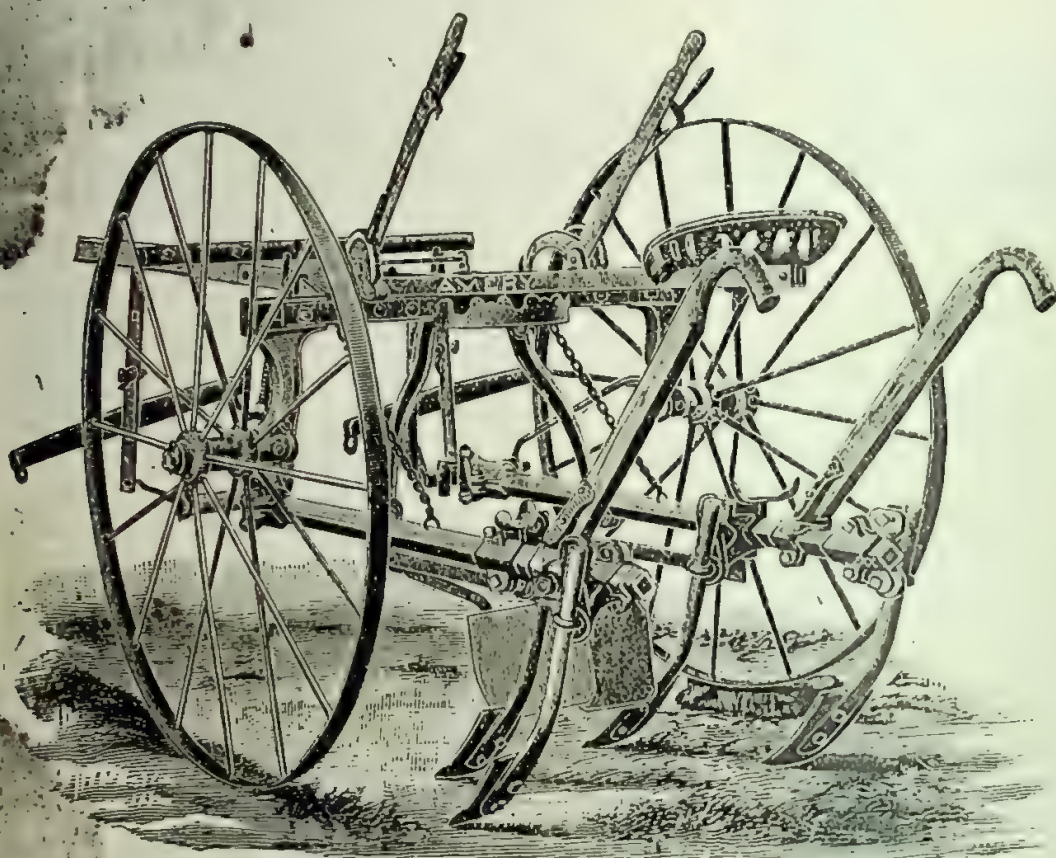
WITH PARALLEL MOVEMENT.

The No. 176 New South is the same as the No. 175, except the gangs. The gangs on this cultivator have the parallel motion, which always keeps the blade square to the work. The shovel standards have all the adjustment specified under No. 176 New South, following page.

Avery's patent self-locking steel trees and neckyoke are furnished with this cultivator. Furnished with four regular blades and two calf tongues. Prices on application.

NOTE.—Cut of special blades for this cultivator on page 8.

ORDER ABOVE AS CULTIVATOR No. 176.



No. 175.

Avery's New South Cultivator

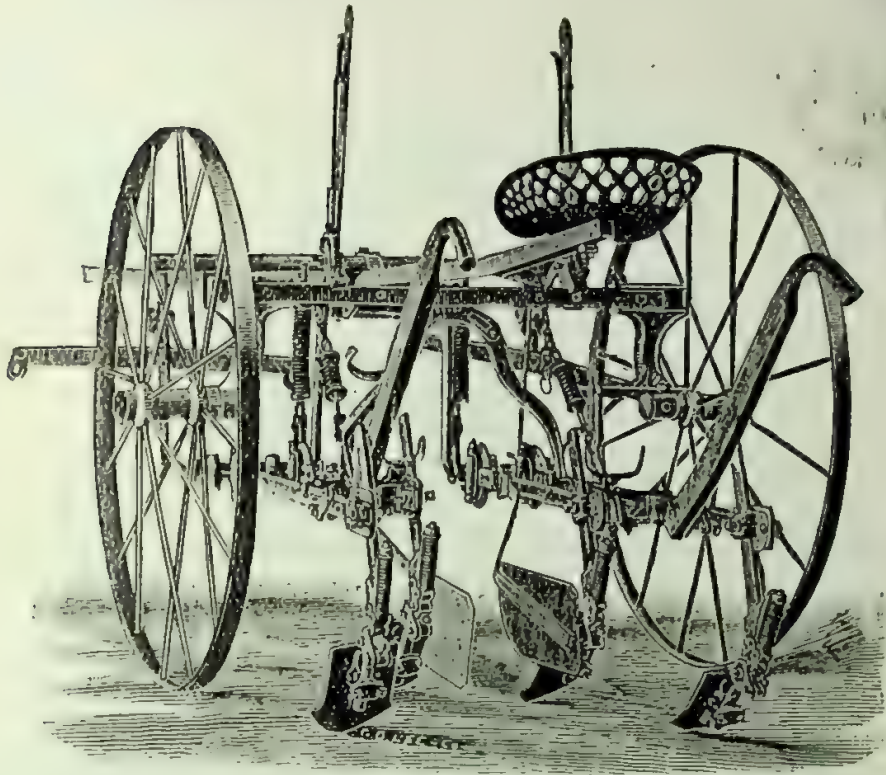
Is especially adapted to the black, waxy land of Texas, and the rich delta of the Mississippi, and similar stiff or sticky soils.

The frame of the New South Combined Riding and Walking Cultivator is almost a duplicate of our Western Cultivator in its construction, material, and adjustments.

SPECIAL FEATURES.

- The axle arch and hounds are made of steel, $1\frac{1}{2} \times \frac{1}{2}$ inch.
- The wheel spindles are of cold-rolled steel, and when worn can be removed from the axle bracket and new ones substituted.
- The gangs are balanced with springs, which enables the operator to lift the gangs with perfect ease.
- The wheels are adjustable to different widths of rows.
- The wheels are steel, and have removable boxes, which can be replaced at a small cost.
- Avery's patent self-locking steel trees and neckyoke go with this cultivator.
- The No. 175 New South is furnished with our rigid gang, made of square tubing. The blade standards are made of $1\frac{1}{2}$ round spring steel, and can be adjusted up or down, backward or forward, or turned so as to throw the dirt to or from the plant, as may be desired.
- Furnished with four regular blades and two calf tongues. Prices on application.
- NOTE.—Cut of special blades for this cultivator on page 8.

ORDER ABOVE AS CULTIVATOR No. 175.



No. 150.

Avery's Western Cultivator

Is a strictly first-class, all-steel, combined Riding and Walking Cultivator—the best, neatest, and strongest frame on the market; and as light as is consistent with abundant strength. It possesses every feature essential to perfect and easy operation, and many advantages superior to other cultivators.

SPECIAL FEATURES.

The axle arch and hounds are made of steel, $1\frac{3}{4} \times \frac{1}{2}$ inch, securely braced in every way.

The axle is made of cold-rolled steel, which can be removed from the cast bracket when worn and a new one substituted.

The wheels are adjustable to different widths of rows. The arch is extra high, and adapted for the tallest corn or cotton.

The wheels are steel, and have removable boxes, which can be replaced at a small cost when worn.

The seat is adjustable forward or backward, or to any desired height.

Any blade that is fastened with a heel bolt can be attached to our open foot furnished on this cultivator. Special blades can be had for scraping and sweeping up both sides of a cotton row at once, and for marring off or laying by cotton or corn.

Furnished with four regular blades and two calf tongues. Prices on application.

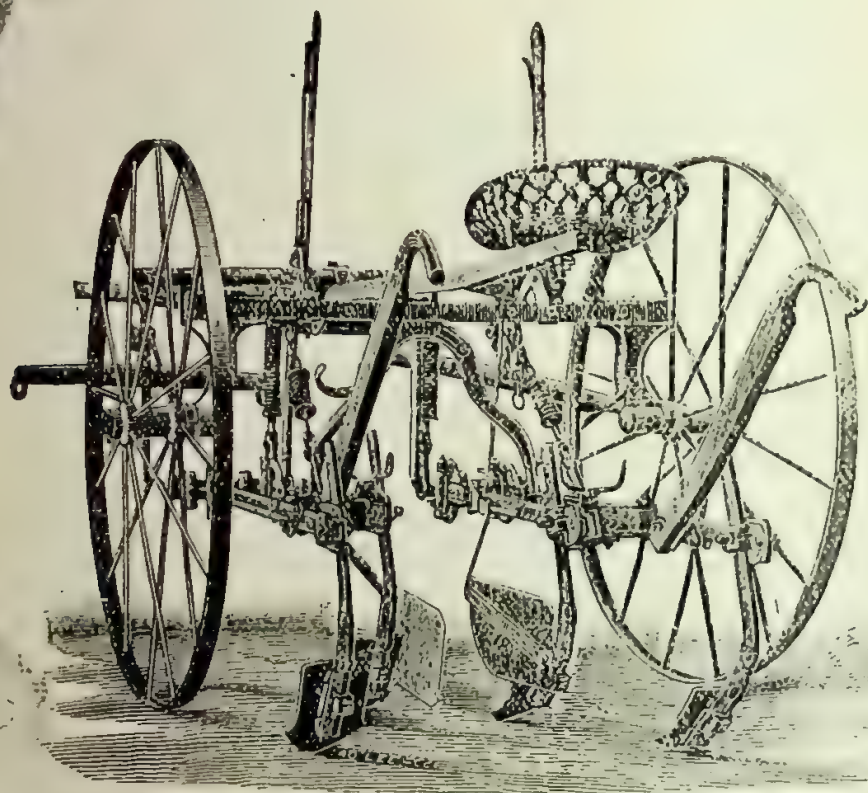
NOTE.—Cut of special blades for this cultivator on page 8.



Avery's celebrated self-locking all-steel singletrees and neckyoke go with each cultivator.

The No. 150 Western is furnished with our flexible gangs, and our spring trip open foot. These gangs are especially designed for the cultivation of cotton or any crop grown on ridges. The blade standards are adjustable up or down (which is a great advantage in ridge cultivation), and they can be adjusted forward or backward, to suit the pitch of the different shaped blades used at the different stages of cultivation.

SEE ORDER ABOVE CULTIVATOR AS No. 150.



No. 151.

Avery's Western Cultivator.

The No. 151 Western is the same as the No. 150, except the spring trip. It has our flexible gang, with all the adjustments mentioned under our No. 150, but is fitted with our wood break-pin open foot, which is preferred in old lands, as it requires less care and attention.

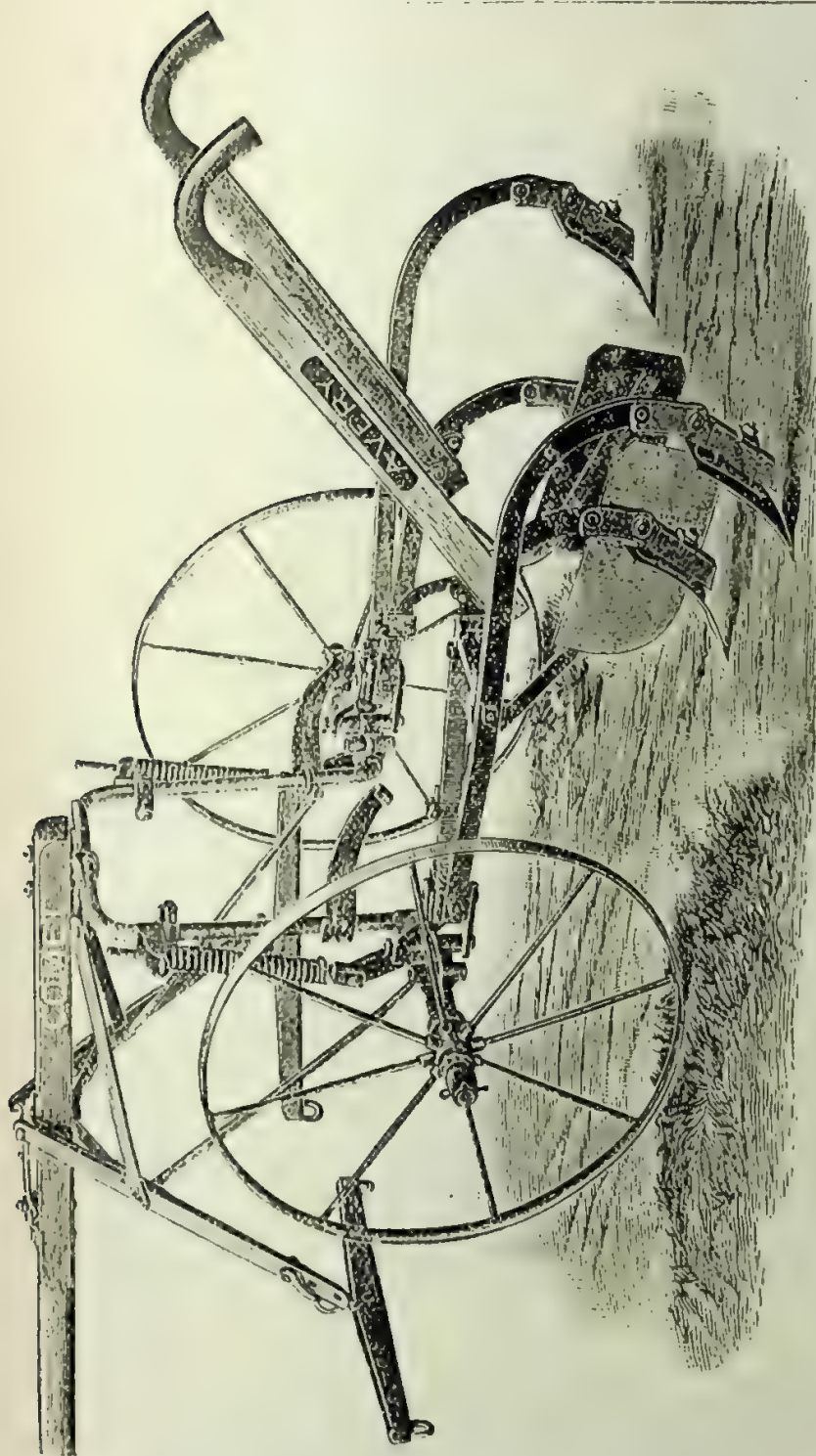
All of the special and other blades mentioned under our No. 150 Western can be attached to this cultivator.

Furnished with four regular blades and two cul' tongues. Prices on application.

Avery's patent self-locking steel trees and neckyoke are furnished with this cultivator.

NOTE—Cut of special blades for this cultivator on page 8.

ORDER ABOVE CULTIVATOR AS No. 151.



No. 100.

It has steel eveners and our celebrated self-locking all-steel singletrees and neckyoke.

The draft is direct from the end of the gang, which makes it impossible to rack or strain the frame.

The Comet is constructed entirely of iron and steel (except the tongue and handles); is very neat in appearance, as well as one of the strongest cultivators on the market.

The No. 100 Comet is made with the plain wood break-pin, open-foot gang—a very strong and simple gang to which any blade that fastens with a common heel bolt can be attached.

Special blades always on hand for scraping and sweeping up both sides of a cotton row at once, and for burrowing out or laying by cotton or corn.

Indes and two calf tongues prices on application.

Furnished with
NOTE—this cultivator on page 8.

Avery's Comet Walking Cultivator,

With Single Tongue, Steel Evers, Steel Singletrees, and Neckyoke.

The arch is extra high and adjustable to different widths of rows.

The wheels move with the arch, which leaves plenty of room to work the gangs laterally.

Each gang can be brought very close together for bull tongues or extra wide apart for broad shovels.

ORDER ABOVE AS CULTIVATOR No. 100.



No. 101.

— SPECIAL FEATURES. —

Our No. 101 Comet is the same as the No. 100 except the gauge. The No. 101 Comet has our flexible gang which has all the necessary adjustments for the cultivation of any crop in any kind of soil.

The standards can be adjusted up or down (for ridge cultivation), and forward or backward, to suit the pitch of different shaped blades used in the various stages of cultivation.

The space between the shovels can be narrowed or widened about four inches, to suit narrow or wide shovels.

The standard has our open-toot spring trip—a very valuable feature in stumps or rocky ground.

Avery's Comet Walking Cultivator,

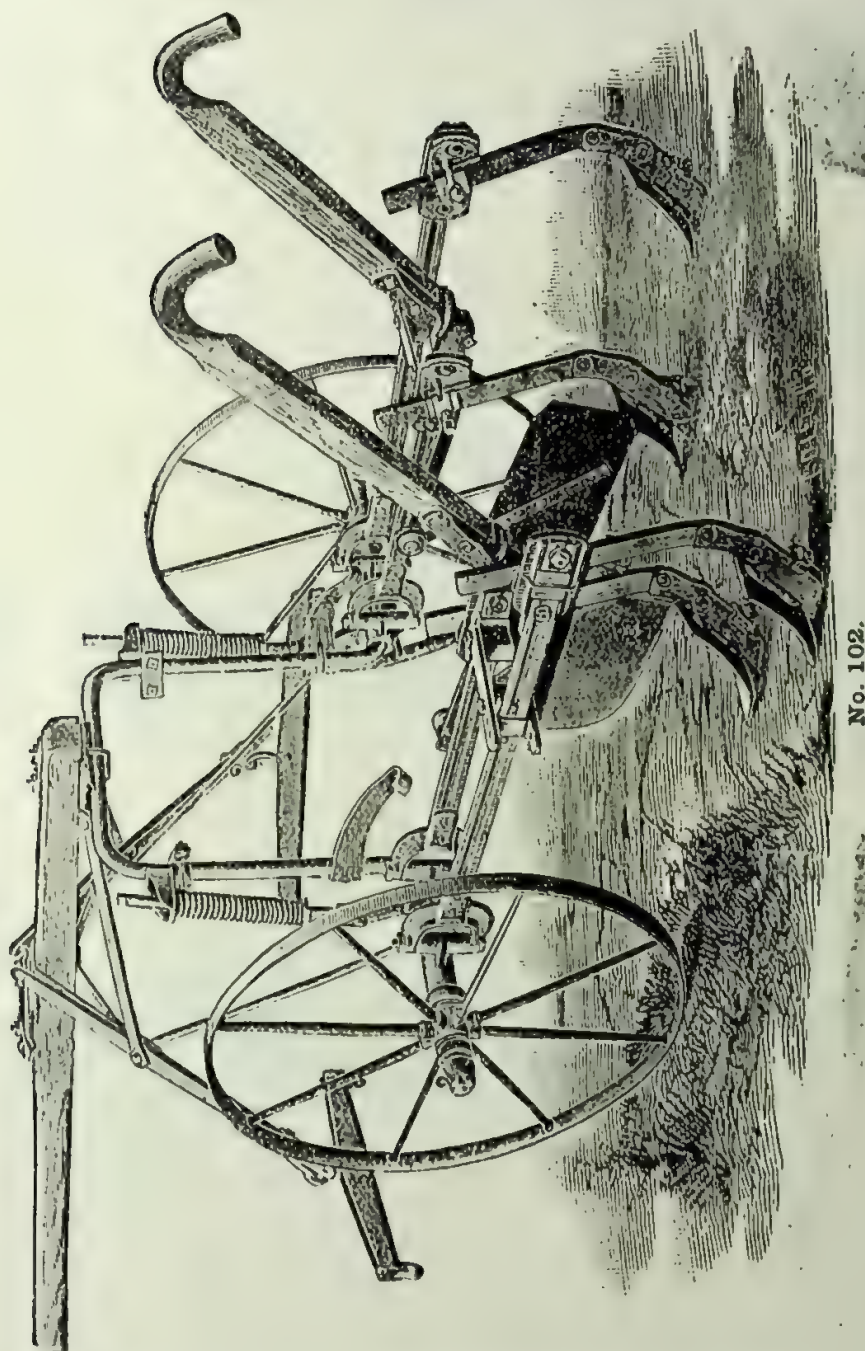
With Single Tongue, Steel Evener, Steel Singletrees, and Steel Neckyoke.

All of the special and other blades mentioned under our No. 100 Comet can be attached to this cultivator. Furnished with four regular blades and two calf tongues. Prices on application.

NOTE.—Cut of special blades for this cultivator on page 8.

ORDER ABOVE AS CULTIVATOR No. 101.

B. F. AVERY & SONS, LOUISVILLE, KY.



Avery's Comet Walking Cultivator,

With Single Tongue, Steel Evener, Steel Singletrees, and Steel Neckyoke.

The No. 102 Comet is the same as the No. 101, except the spring trip. It has the flexible gang, with all the adjustments mentioned under No. 101, but is furnished with the wood break-pin foot instead of spring trip. The plain break-pin foot is preferred by some in old lands, free from stumps and rocks, as it requires less care and attention.

Special blades, etc., mentioned under No. 100 Comet, can be attached to this cultivator.

Furnished with four regular blades and two calf tongues. Prices on application.

NOTE.—Cut of special blades for this cultivator on page 8.

ORDER ABOVE AS CULTIVATOR No. 102.

SPECIAL BLADES

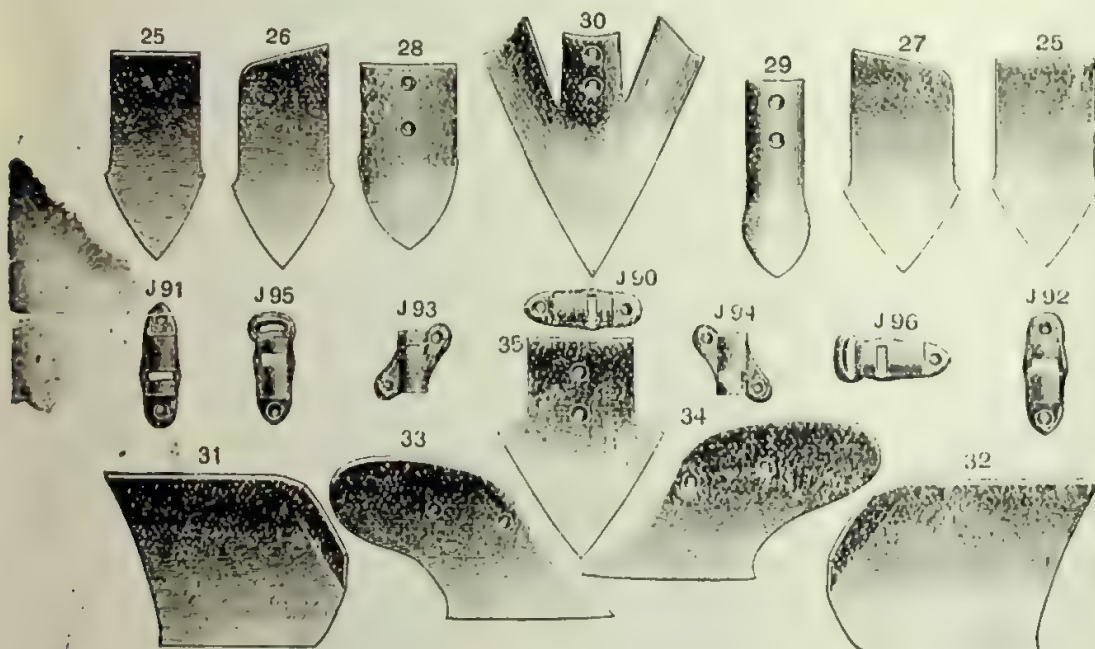
FOR

Comet and Western Cultivators,

FOR THE CULTIVATION OF CORN, COTTON, ETC., FROM THE VERY EARLIEST STAGE
UNTIL THE CROP IS LAID BY.

In ordering always state the pattern number on the shovel or block, as shown in the illustr.

These blades cost extra unless described in connection with illustration of cultivator in the foregoing catalogue.



- No. 25. Plain shovel, for Comet and Western Cultivators.
- No. 26. Twisted shovel, for Comet and Western Cultivators—R. H.
- No. 27. Twisted shovel, for Comet and Western Cultivators—L. H.
- No. 28. Oval shovel, for Comet and Western Cultivators.
- No. 29. Oval calf tongue, for Comet and Western Cultivators.
- No. 30. Cotton sweep, 10, 12, and 14 inch, for Comet and Western Cultivators.
- No. 31. Improved cotton scraper, 10 inch, for Comet and Western Cultivators—R. H.

- No. 32. Improved cotton scraper, 10 inch, for Comet and Western Cultivators—L. H.
- No. 33. Turning plow, for Comet and Western Cultivators—R. H.
- No. 34. Turning plow, for Comet and Western Cultivators—L. H.
- No. 35. Corn shovel, for New South C. Hivator.
- J90. Block for straight shovel No. 25.
- J91. Block for twisted shovel No. 26—R. H.
- J92. Block for twisted shovel No. 27—L. H.
- J93. Block for turning plow No. 33—R. H.
- J94. Block for turning plow No. 34—L. H.
- J95. Block for improved scraper No. 32—R. H.
- J96. Block for improved scraper No. 31—L. H.

ORDER ABOVE BY NUMBER SHOWN ON EACH PATTERN
IN THE ILLUSTRATION.

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(INCORPORATED)

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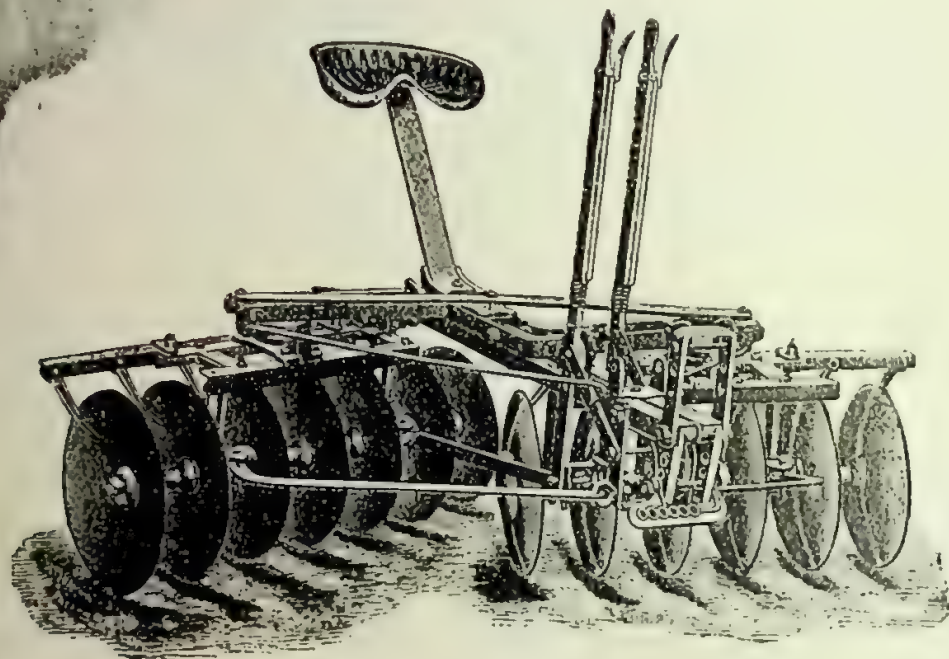
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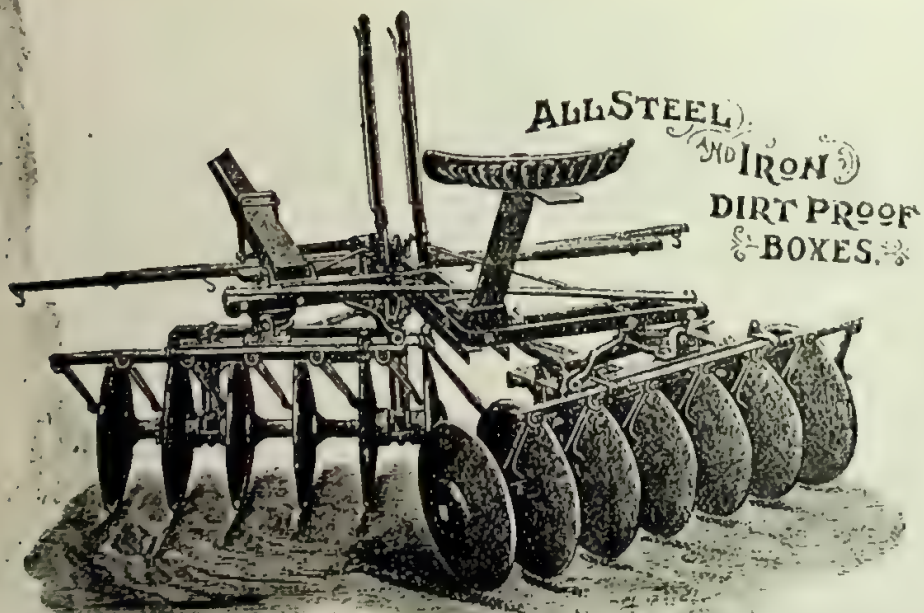
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DALLAS, TEXAS.

THE "FALLS CITY" STEEL FRAME CROSS CUT
DISC HARROW.



FRONT VIEW.



ALL STEEL
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BOXES.

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ORDER A SAMPLE.

THE "FALLS CITY"

Steel Frame Cross Cut Disc Harrow

THE ONLY PERFECT OVER-LAPPING DISC HARROW MADE.

THE ONLY PERFECT PUSH AND PULL LEVER.

ALL STEEL AND IRON DIRT PROOF BOXES.

NO WEIGHT ON HORSES' NECKS.

NO SIDE DRAFT.

The great demand for a Cross Cut Harrow during past season has decided us to offer the "Falls City" to our customers. We say without hesitation that it is the best over-lapping harrow now on the market.

It is the only limber tongue harrow made, and consequently there is no weight on the horses' necks. It has a perfect adjustable hitch, and has no side draft. It is made of all steel and iron. Has dust proof boxes and chilled bearings. It has a most perfect push and pull lever for angling the gangs while team is in motion. It cuts perfectly level, leaving no uncut ridge in the center. Do not make seeders for Nos. 11 and 12.

See it and you will have no other.

MADE IN THE FOLLOWING SIZES:

NAME.	Numbers.	No. of Discs.	Size of Discs.	Width of Cut.	PRICE.
"FALLS CITY,"	No. 11	11	16 inch.	5 feet,	
" "	No. 12	11	20 "	5 "	
" "	No. 13	13	16 "	6 "	
" "	No. 14	13	20 "	6 "	
" "	No. 15	15	16 "	7 "	
" "	No. 16	15	20 "	7 "	

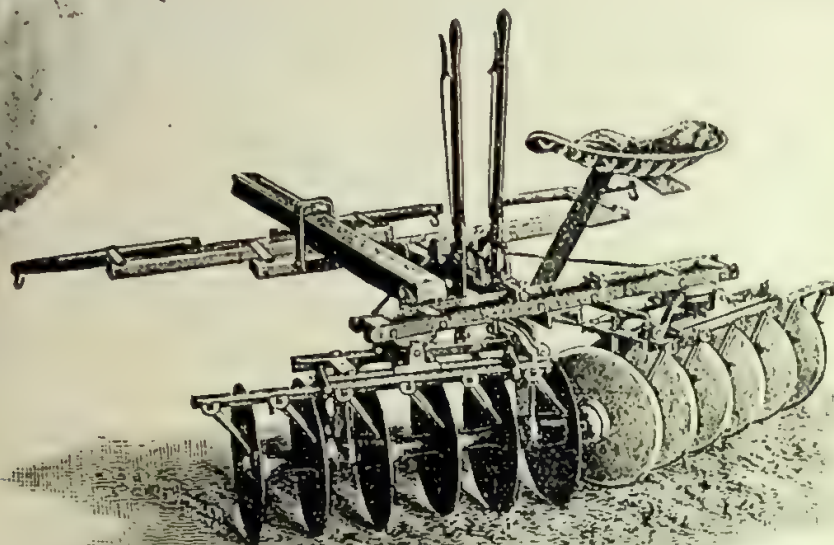
OTHER SIZES MADE TO ORDER.

All above with two-, three-, or four-horse hitch as ordered.

WRITE FOR PRICES.

HALF SEEDERS, RIGHT OR LEFT, EACH, \$.....

THE "TORNADO" ANTI-FRICTION HARROW.



It has center-tooth break-pin attachment.

It has anti-friction end washers that revolve independent of gangs, receiving the end pressure and preventing riding or locking of gangs and removing all strain from bearings.

It is flexible, the end washers permitting each gang to vibrate and revolve independently. It has automatic cleaners.

It has perfect three-horse hitch, which obviates all side draft.

It is made of iron and steel throughout and is strong and durable; simple of construction and easy of operation. Tongue rigid or flexible, adjustable hitch.

Do not make seeders for the Nos. 0 and 5.

MADE IN THE FOLLOWING SIZES:

NAME.	Numbers.	Width of Cut.	No. of Discs.	Size of Disc.	PRICE
THE "TORNADO,"	No. 0	4 feet	8	16 inch	
" "	No. 1	5 "	10	16	
" "	No. 2	6 "	12	16	
" "	No. 3	7 "	14	16	
" "	No. 4	8 "	16	16	
" "	No. 5	9 "	18	16	
" "	No. 6	10 "	20	16	
" "	No. 7	4 "	8	20	
" "	No. 8	5 "	10	20	
" "	No. 9	6 "	12	20	
" "	No. 10	7 "	14	20	
" "	No. 11	8 "	16	20	
" "	No. 12	9 "	18	20	
" "	No. 13	10 "	20	20	

OTHER SIZES MADE TO ORDER.

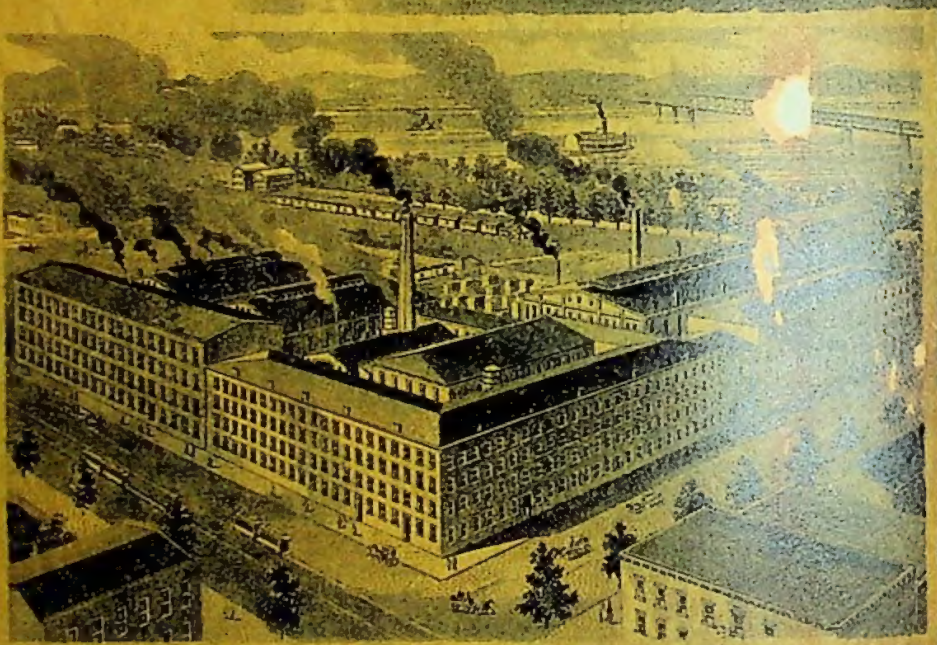
All above with two-, three-, or four-horse hitch as ordered.

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Half Seeders, right or left, each, \$ Center-Tooth Attachment, \$

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